

ENR 3.3 RNAV ROUTES

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L21 (RNAV 5)						
▲ IZERO (FIR BDRY) 413921N-0410632E						- Unidirectional westbound.
△ ATCEF 413538N-0403801E	254	21.7	FL285 6500 FT AMSL		↓	
▲ OTOJE 411951N-0401544E	221	23.0	FL285 8500 FT AMSL			
▲ TRABZON VOR (TBN) 405943N-0394744E		29.2				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L124 (RNAV 5)						
△ ERGUN 404447N-0344420E						- ERGUN-VAN segment: unidirectional eastbound - BTN ERGUN-VAN segment will only be available BTN 01 APR/01 NOV from 1730 UTC to 0230 UTC and BTN 02 NOV/31 MAR from 1700 UTC to 0430 UTC and at weekends, public holidays stated on page GEN 2.1
△ ASVOD 400456N-0373422E	102	135.8	FL285 FL195	↓		
△ KONUK 393042N-0392805E	107	94.1				
△ EVSAS 391929N-0401119E	104	35.3				
▲ VAN VOR (VAN) 382758N-0431930E		155.7				
▲ ZELSU 381556N-0434659E	114 294	24.7	FL285 FL145	↓	↑	
▲ BONAM (FIR BDRY) 380256N-0441759E		27.7				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L223 (RNAV 5)						
▲ AGRI VOR (ARI) 393845N-0430138E	124	70.5	<u>FL285</u> FL195	↓		- Unidirectional eastbound.
▲ DASIS (FIR BDRY) 385431N-0441229E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L333 (RNAV 5)						
▲ BEYKOZ VOR (BKZ) 410737N-0290834E						<div>- BAG - DASIS segment: Not available for domestic traffic (DEP/DEST BTN Turkish Airports)</div> <div>- DASIS - LATGA segment: Bidirectional</div> <div>- BEYKOZ - LATGA segment unidirectional eastbound.</div>
▲ VATCA 405851N-0293857E	105	24.6	FL285 FL145	↓		
△ ABJUM 405444N-0295140E	108	10.5				
▲ ASMAP 403753N-0304241E		42.3				
▲ RIPNU 403131N-0311237E	101	23.7				
▲ EVLIG 402758N-0312859E	102	13.0				
▲ ABISI 402146N-0315709E		22.4				
▲ LATGA 401953N-0320532E		6.7				
▲ BAGLUM VOR (BAG) 400412N-0324836E	111 291	36.5				
△ ELDEN 395435N-0352545E	090 270	120.9				
▲ SIVAS VOR (SIV) 394722N-0365336E		67.9				
△ ELNEM 394524N-0381153E	085 267	60.3				
△ EBEDI 394330N-0390725E		42.8				
▲ ERZINCAN VOR (ERN) 394230N-0393145E		18.8				
△ GELSU 393330N-0403325E	097 279	48.4				
△ NEGOL 392835N-0410445E		24.7				
△ LATSU 392515N-0412450E		15.9				
△ DORUK 391645N-0421107E		36.8				
▲ DASIS (FIR BDRY) 385431N-0441229E		96.9	↑			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
L601 (RNAV 5)							
▲ ARTAT (FIR BDRY) 422150N-0293727E	133	59.6	FL285 FL195	↓		- Unidirectional eastbound.	
△ NELNI 413703N-0303009E		15.1					
△ AKCAK 412544N-0304329E		18.2					
△ TUNCA 411359N-0310152E	125	13.2	FL285 FL195			- ARTAT- BAG segment will only be available BTN 01 APR/01 NOV from 1730 UTC to 0230 UTC and BTN 02 NOV/31 MAR from 1700 UTC to 0430 UTC and at weekends, public holidays stated on page GEN 2.1	
△ IVNAP 410527N-0311512E		56.8					
△ SALGO 402826N-0321158E		37.1					
▲ BAGLUM VOR (BAG) 400412N-0324836E	146	39.2	FL285 FL205				
▲ BAKIR 393059N-0331540E		5.6					
△ AZBUL 392616N-0331928E		3.8					
△ URGUP 392256N-0332143E		60.4					
▲ SELVI 383116N-0340148E		43.4					
▲ KEMER 375356N-0342958E		20.9					
▲ ADANA VOR (ADA) 373603N-0344333E		45.9					
365626N-0351237E							

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L602 (RNAV 5)						
▲ GAZIANTEP VOR (GAZ) 365705N-0372822E						- Unidirectional westbound. - BUK - MAKOL segment will only be available BTN 01 APR/01 NOV from 1730 UTC to 0230 UTC and BTN 02 NOV / 31 MAR from 1730 UTC to 0430 UTC and at weekends, public holidays stated on page GEN 2.1
▲ INLEV 371534N-0370517E	309	26.1	FL285 FL205		↓	
▲ ADSEP 374109N-0363253E		36.3				
▲ SULAK 375339N-0361712E		17.6				
▲ CUBUK VOR (BUK) 401431N-0330618E		204.7				
▲ DEREL 404250N-0321136E	301	50.4	FL285 FL195			
△ AKCAK 412544N-0304329E		79.2				
▲ MAKOL (FIR BDRY) 421014N-0290834E		83.7				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L605 (RNAV 5)						
▲ RIXEN (FIR BDRY) 420456N-0284558E	117	119.7	FL285 FL265	↓		- RIXEN - YAVRU segment: unidirectional eastbound.
▲ NAMAN 405956N-0305958E		45.4				
▲ YAVRU 403456N-0314958E						
▲ KIZIK 402506N-0320858E	117 298	17.5		↓		
▲ BAGLUM VOR (BAG) 400412N-0324836E		36.8				
▲ YUCEL 393444N-0333507E	125 307	46.4	FL285 FL125			
△ AVCES 393312N-0333736E		2.5				
▲ BALAX 392727N-0334651E		9.2				
▲ BADOX 391955N-0335831E		11.8				
▲ BELSU 390751N-0341711E		18.9	FL285 FL185			
▲ KISLA 390636N-0342000E		2.5				
▲ ERHAN 383126N-0351344E		54.7				
▲ SOLSA 380844N-0354644E		34.5				
▲ RATSI 375014N-0361313E		27.9	FL285 FL135			
▲ NEKAT 374437N-0362113E		8.5	FL285 FL105			
▲ REMPO 373936N-0362820E		7.5	FL285 FL085			
▲ POGEN 373011N-0364137E		14.2	FL285 FL105			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L605 (Continued)(RNAV 5)						
▲ POGEN 373011N-0364137E						
▲ ASBOM 371532N-0370229E	<u>125</u> 307	22.2	<u>FL285</u> FL105	↓	↑	
▲ BOYAT 370715N-0371436E		12.7				
△ GAZIANTEP VOR (GAZ) 365705N-0372822E		15.1				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L606 (RNAV 5)						
▲ ADORU (FIR BDRY) 415218N-0263406E	141	30.1	FL285 FL205	↓		- Unidirectional eastbound.
▲ ATVEP 412744N-0265713E		18.4				- See NOTAMs related with Jet activities within Balıkesir and Bandırma MTMAs effecting AWY L606
▲ ULMAR 411240N-0271113E		19.0				- TEKIRDAG-SONLU segment will only be available BTN 01 APR/01 NOV, 1730-0230 UTC, and 02 NOV/31 MAR 1700-0430 UTC and at weekends, public holidays stated on page GEN 2.1
▲ TEKIRDAG VOR (EKI) 405703N-0272534E	146	69.9	FL285 FL195			
▲ LUTFU 395622N-0281100E		58.5				
▲ SONLU 390459N-0284759E		31.0	FL285 FL245			
▲ NESET 383753N-0290711E		57.6	FL285 FL195			
▲ CARDAK VOR (CRD) 374723N-0294215E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L610 (RNAV 5)						
▲ EKSEN 375326N-0304013E	331	22.4	FL285 FL195		↓	- Unidirectional westbound.
▲ EKMIM 381405N-0302854E		19.4				
▲ UPKUL 383154N-0301903E		4.6				
▲ EMKUD 383610N-0301641E		20.1				
▲ OSGED 385434N-0300625E		8.5				
▲ PESOX 390224N-0300200E		6.2				
▲ SIVKU 390805N-0295848E		15.2				
▲ APSER 392202N-0295054E		13.9				
▲ ETAMP 393447N-0294344E		21.6				
▲ EMGIM 395434N-0293232E		37.2				
▲ YALOVA VOR (YAA) 402830N-0291227E	324	34.3	FL285 FL155			
▲ ISTANBUL VOR (IST) 405741N-0284838E	309	28.3				
▲ FENER 411711N-0282128E		69.4				
▲ VADEN (FIR BDRY) 420356N-0271258E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L614 (RNAV 5)						
▲ ADORU (FIR BDRY) 415218N-0263406E						- ADORU - YAA VOR segment: unidirectional eastbound.
▲ ENESU 412831N-0271950E	121	41.7	FL285 FL175	↓		
▲ CORLU VOR (CRL) 410902N-0275606E		33.5	FL285 FL115			
▲ YALOVA VOR (YAA) 402830N-0291227E	120	70.7				
▲ EKDAM 402605N-0293702E	093 276	18.9	FL285 FL195	↓		
▲ PIMAV 402402N-0295713E		15.5				
▲ TOKER 401848N-0304620E		37.8				
▲ YAMAN 401423N-0312526E		30.2				
▲ UMRUN 401110N-0315241E		21.1				
▲ PETAR 401016N-0320453E		9.4				
▲ BAGLUM VOR (BAG) 400412N-0324836E		34.0				
▲ KUBER 394956N-0333638E	105 285	39.5				
▲ GOBIT 394634N-0335313E		13.2				
△ JUPNE 393742N-0342422E		25.6				
▲ MARTI 392406N-0351058E		38.5				
▲ GEMEREK VOR (GEM) 390914N-0360143E	095 275	42.0		↑		
▲ BULUT 384522N-0385408E		136.3				
▲ ELAZIG VOR (Ezs) 384229N-0391326E		15.4				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L614 (Continued)(RNAV 5)						
▲ ELAZIG VOR (EZS) 384229N-0391326E						
△ SORAR 383727N-0393045E	104 287	14.4	FL285 FL195	↓		
△ TAMER 381426N-0404859E		65.5				
△ ULSAB 380833N-0410753E		16.0				
▲ ABKAL 380110N-0413155E		20.4				
▲ SIIRT VOR (SRT) 375438N-0415255E		17.8				
▲ VAKUL 375339N-0420830E	090 270	12.4	FL285 FL165			
△ OTKEP 375133N-0423936E		24.7				
△ NARLI 374856N-0431459E		28.1				
△ DEKOP 374642N-0434814E		26.5	FL285 FL135			
△ DERIL 374404N-0442454E		29.2				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
L615 (RNAV 5)									
▲ VAN VOR (VAN) 382758N-0431930E	308 127	24.7	FL285 FL195		↓				
▲ ESENK 384441N-0425617E		47.6							
△ DORUK 391645N-0421107E		19.1							
△ GOKSU 392934N-0415247E		16.9							
▲ SUSUZ 394051N-0413630E		24.9							
▲ ERZURUM VOR (ERZ) 395724N-0411225E		25.0							
▲ DAMAT 395722N-0403953E	264 083	34.5							
△ ARKIN 395705N-0395500E		15.6							
△ ORHAN 395651N-0393440E		21.9							
△ INTAB 395626N-0390607E		9.9							
△ VABEL VOR (EZN) 395613N-0385313E	259 078	42.2							
△ UTURI 395225N-0375829E		25.2							
△ OTSOV 394958N-0372553E		25.0							
▲ SIVAS VOR (SIV) 394722N-0365336E	275 095	25.0			↑				
▲ OLPOT 395140N-0362138E									

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L615 (Continued)(RNAV 5)						
▲ OLPO	<div></div>					- BEYKOZ-VADEN segment: unidirectional westbound.
395140N-0362138E						
△ ENFOR						
395226N-0361629E						
△ HAKCE						
395507N-0355609E						
△ TIMOP						
395931N-0352140E						
△ BENTA						
400905N-0335721E						
▲ GURBU						
401006N-0334958E						
▲ CUBUK VOR (BUK)						
401431N-0330618E						
▲ SALGO						
402826N-0321158E						
▲ YAVRU						
403456N-0314958E						
▲ ATGOB						
404331N-0311503E						
△ ERSEN						
405156N-0303958						
▲ NUMSO						
405522N-0302043E						
▲ ERKAL						
405912N-0295847E						
▲ GAYEM						
410245N-0293748E						
▲ BEYKOZ VOR (BKZ)						
410737N-0290834E						
▲ DIGBO						
412937N-0282416E						
▲ VADEN (FIR BDRY)						
420356N-0271258E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L619 (RNAV 5)						
▲ VESAR (FIR BDRY) (2)	<div>↓</div>					<div>- Unidirectional westbound. (1) Ref AIP TRNC ENR 3.3</div> <div>(2) All aircraft to enter Turkish Airspace via VESAR entry/exit point, until they arrive the subject point, shall contact to Ankara ACC through 127.85, 128.75, 130.4, 124.075 MHz or the emergency channels not less than 10NM to VESAR entry/exit point. Any aircraft not contact to Ankara ACC until reaching to the VESAR entry/exit point shall not be permitted to enter Turkish Airspace.</div> <div>- When there are military activities affecting OSVEL-YASEN segment of AWY L619 traffic will be vectored to AWY M855 or Q26 by ATC.</div>
355456N-0340058E						
▲ EVKIT						
361540N-0334516E						
▲ MUT VOR (MUT) (1)						
365146N-0331730E						
▲ OKLAM						
380527N-0313458E						
▲ OSVEL						
382855N-0310107E						
▲ RAVGO						
393249N-0303003E						
▲ YASEN						
411156N-0293058E						
▲ MAKOL (FIR BDRY)						
421014N-0290834E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
L620 (RNAV 5)							
▲ RIXEN (FIR BDRY)						(1) Ref AIP TRNC ENR 3.3 RIXEN - IST segment - Unidirectional eastbound. (2) All aircraft to enter Turkish Airspace via VESAR entry/exit point, until they arrive the subject point, shall contact to Ankara ACC through 127.85, 128.75, 130.4, 124.075 MHZ or the emergency channels not less than 10NM to VESAR entry/exit point. Any aircraft not contact to Ankara ACC until reaching to the VESAR entry/exit point shall not be permitted to enter Turkish Airspace. - AFYON VOR (KFK)- ISTANBUL VOR (IST) segment Unidirectional westbound.	
420456N-0284558E	173	12.7	FL285 FL195	↓			
▲ GINLI							
415216N-0284628E		7.5					
▲ TETSA							
414446N-0284645E		16.1					
▲ UNSAV							
412842N-0284723E	15.0						
△ FATIH							
411341N-0284758E	16.0						
▲ ISTANBUL VOR (IST)	324	34.4					
405741N-0284838E							
▲ YALOVA VOR (YAA)	331	37.2					
402830N-0291227E							
▲ EMGIM							21.6
395434N-0293232E							
▲ ETAMP							
393447N-0294344E	13.9						
▲ APSER							
392202N-0295054E		29.9					
▲ OSGED							
385434N-0300625E	21.6						
▲ AFYON VOR (KFK)							
384814N-0303248E		282	29.4				
△ OSVEL							
382855N-0310107E	33						
△ HISAR							
380656N-0313228E						2.5	
▲ OKLAM							
380527N-0313458E	109.9						
▲ MUT VOR (MUT) (1)							
365146N-0331730E		42.5					
▲ EVKIT							
361540N-0334516E	24.3						
▲ VESAR (FIR BDRY) (2)							
355456N-0340058E							

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L621 (RNAV 5)						
▲ MUT VOR (MUT) 365146N-0331730E	352	69.2	FL285 FL195		↓	- Unidirectional westbound. - L621 will only be available BTN 01 APR/01 NOV from 1730 UTC to 0230 UTC and BTN 02 NOV/31 MAR from 1715 UTC to 0445 UTC and at weekends, public holidays stated on page GEN 2.1
▲ BUMOM 380052N-0331347E		133.9				
▲ CUBUK VOR (BUK) 401431N-0330618E						
△ LETBU 410757N-0320409E	313	71.4				
▲ EVLAP 413215N-0313509E		32.7				
△ ULVEX 413459N-0313152E		3.7				
△ UNSUL 414600N-0311831E		14.9				
△ ERMUP 420002N-0310122E		19.0				
△ RIXUB 421714N-0304008E		23.4				
▲ ODERO (FIR BDRY) 423638N-0301552E		26.4				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L746 (RNAV 5)						
▲ DASIS (FIR BDRY) 385431N-0441229E						- Unidirectional westbound - BTN ERZ- INB segment will only be available BTN 01 APR/01 NOV from 1730 UTC to 0230 UTC and BTN 02 NOV/31 MAR from 1700 UTC to 0430 UTC and at weekends, public holidays stated on page GEN 2.1
▲ ERZURUM VOR (ERZ) 395724N-0411225E	287	152.8	FL285 FL195		<div>↓</div>	
△ SONAD 402505N-0394035E	284	75.5				
△ BAMLÄ 403825N-0385410E		38.0				
▲ CARSAMBA VOR (CRM) 411556N-0363256E		113.2				
△ GOKPA 414446N-0343541E	283	92.7				
▲ INEBOLU VOR (INB) 415705N-0334222E		41.7				
△ ADUMU 420417N-0330440E	279	29.0				
△ OLDUD 420958N-0323643E	280	21.6				
△ GIPDA 421449N-0321218E		18.8				
▲ ASBEP 421546N-0320726E	279	3.7				
△ EVGEG 422726N-0310627E		46.7				
▲ ODERO (FIR BDRY) 423638N-0301552E		38.5				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
L851 (RNAV 5)							
▲ KUGOS (FIR BDRY) 424650N-0340516E	<u>106</u> 288	141.7	<u>FL285</u> FL245	↓			
△ KARDE 415414N-0370243E		<u>108</u> 289	30.1				<u>FL285</u> FL085
△ OLUPO 414231N-0373943E			55.4				
△ TOLUN 412024N-0384724E	18.7		<u>FL285</u> FL055				
▲ ERIDU 411255N-0391011E	<u>110</u> 290	31.3					
▲ TRABZON VOR (TBN) 405943N-0394744E		28.9	<u>FL285</u> FL195				
▲ BAVTI 403946N-0401517E		6.0	<u>FL285</u> FL115				
▲ NESTU 403537N-0402058E	<u>129</u> 308	12.0	<u>FL285</u> FL135				
▲ GETKO 402717N-0403218E		18.0	<u>FL285</u> FL175				
▲ HOCAM 401445N-0404912E		25.0	<u>FL285</u> FL145				
▲ ERZURUM VOR (ERZ) 395724N-0411225E	24.9						
▲ TAVUS 395211N-0414409E	46.0						
△ INBAT 394209N-0424230E	<u>096</u> 278	15.1					
▲ AGRI VOR (ARI) 393845N-0430138E		<u>107</u> 287	52.8				↑
▲ AGINA(FIR BDRY) 391924N-0440512E							

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits		Direction of cruising levels		Remarks Controlling Unit Channel Logon address				
					Odd	Even					
1	2	3	4			5	6				
L852 (RNAV 5)											
▲ TESVA (FIR BDRY)							- Unidirectional westbound. - TESVA/DEVMU segment will only be available BTN 01 APR/01 NOV 1730-0230 UTC, 02 NOV/31MAR 1700-0430 UTC and at weekends, public holidays stated on page GEN 2.1				
381709N-0442947E											
△ ESENK	287	78.4	FL285 FL195								
384441N-0425617E	292	77.5									
△ KESIR	285	44.1									
391855N-0412705E	287	49.5									
△ GELSU	290	13.5									
393330N-0403325E	289	26.8									
△ ESEPO		30.6									
395107N-0393330E	286	23.4									
△ LANVO		49.3									
395637N-0391731E	285	29.4									
△ PEVOP		9.5									
400728N-0384537E		48.4									
△ ODALI	284	25.1									
401940N-0380900E		9.7									
▲ NELPO		26.5									
402812N-0374033E											
△ APVAS											
404551N-0364005E											
△ USANU											
405608N-0360345E											
△ ODPOT											
405925N-0355158E											
△ RUXEV											
411549N-0345144E											
△ EKSUK											
412409N-0342014E											
△ UPKAG											
412717N-0340807E											
△ VAXEB											
413549N-0333443E											

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L852 (Continued)(RNAV 5)						
△ VAXEB 413549N-0333443E	283	1.9	FL285 FL195		↓	- Unidirectional westbound.
△ ESOSU 413626N-0333217E		24.0				
△ TIVUG 414401N-0330152E		12.8				
△ EVPUV 414801N-0324534E		14.1				
△ DEVMU 415221N-0322740E		282				
△ EVPIM 415342N-0322200E	6.3					
△ BEDOP 415538N-0321358E	16.3					
△ MODAU 420033N-0315309E	22.6					
△ ODMAX 420717N-0312411E	71.2					
▲ NEGEM (FIR BDRY) 422742N-0295213E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L854 (1, 2) (RNAV 5)						
▲ TEKIRDAG VOR (EKI) 405703N-0272534E						- Unidirectional eastbound. (1) MARMA-KULAR segment can only be used 1900-0400 UTC and at weekends, public holidays stated on page GEN 2.1. (2) Times other than those stated in remark (1) MARMA-KULAR segment will also be used by tactical Civil Military Coordination.
△ MARMA 403138N-0273856E	154	27.4	FL285 FL195	↓		
△ YAYLA 395156N-0275943E		42.8	FL285 FL105			
△ KUDAK 391756N-0281636E		36.5				
△ ESKIN 390300N-0282353E		16.0				
△ KULAR 383456N-0283758E		30.2				
▲ BAGLU 380416N-0291931E	129	44.8	FL285 FL195			
▲ CARDAK VOR (CRD) 374723N-0294215E		24.7				
▲ SALDA 373319N-0300001E	130	19.9				
△ KOZLU 372950N-0300428E		5.0				
▲ BRONZ 371611N-0302058E		18.9				
▲ ANTALYA VOR (AYT) 365514N-0304740E		29.9				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
L867 (RNAV 5)						
▲ RILEX (FIR BDRY) 415816N-0264559E					- Unidirectional eastbound.	
△ ENESU 412831N-0271950E	134	39.1	<u>FL285</u> FL175	↓		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
M10 (RNAV 5)						
▲ SARPI (FIR BDRY) 413256N-0412659E	269	36.8	FL285 FL085	↓		- Unidirectional westbound. - Will only be available BTN 01 APR/01 NOV from 1730 UTC to 0230 UTC and BTN 02 NOV/31 MAR from 1715 UTC to 0445 UTC and at weekends, public holidays stated on page GEN 2.1
△ ATCEF 413538N-0403801E		47.4				
△ ATVAM 413836N-0393459E						
△ OLUPO 414231N-0373943E	268	86.5	FL285 FL115			
△ GOKPA 414446N-0343541E	267	137.8				
△ TIVUG 414401N-0330152E	265	70.2				
▲ HAKAN 414324N-0321754E	264	32.9				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
M11 (RNAV 5)						
▲ CARSAMBA VOR (CRM) 411556N-0363256E	090 272	30.7	FL285 FL095	↓		
▲ TERME 411252N-0371329E		15.0	FL285 FL065			
▲ OSDUT 411124N-0373316E						
▲ EMLAD 411113N-0373705E		2.9	FL285 FL075			
△ ERKOS 410952N-0375302E		12.1				
△ ARSUG 410759N-0381620E		17.7				
▲ IPSAT 410619N-0383621E		15.2				
△ ARLAT 410549N-0384207E		4.4				
△ TEMEL 410326N-0390814E		19.9	FL285 FL095			
▲ TRABZON VOR (TBN) 405943N-0394744E		30.1				
▲ EKTES 405907N-0401216E	087 269	18.6	FL285 FL155			
△ DELEL 405754N-0405325E		31.1				
▲ REBLO (FIR BDRY) 405024N-0434106E		127.1				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
M19 (RNAV 5)							
▲ ADORU (FIR BDRY) 415218N-0263406E	124	29.8	FL285 FL155	↓		Unidirectional eastbound	
▲ IBODU 413316N-0270444E							
▲ TEKIRDAG VOR (EKI) 405703N-0272534E	151	39.4					
▲ IVGUS 403408N-0273440E	158	23.9					
△ EFQAT 402106N-0273616E	169	13.1					
△ ADPEW 394229N-0272853E	183	39.0					
▲ OVZOK 392229N-0272508E		20.2					
▲ UNSAL 385953N-0272055E		22.8					
▲ TUFUB 383022N-0272430E	169	29.6					
▲ AFLUH 380955N-0272658E		20.5					
▲ UFQUM 375313N-0272857E		16.8					
▲ OZNEF 374121N-0273303E	159	12.3	8500 FT AMSL				
△ ALPUW 373525N-0273505E		6.2					
▲ YUNUS 364235N-0275300E		54.7					FL285 6500 FT AMSL

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
M603 (RNAV 5)						
▲ GOLDO (FIR BDRY) 405256N-0261458E	261	33.2	FL285 FL195		▲ ↑	GELBU - GOLDO segment - Unidirectional westbound.
▲ BARPE 405534N-0265841E		7.4				
▲ GELBU 405607N-0270827E						
▲ TEKIRDAG VOR (EKI) 405703N-0272534E	<u>081</u> 261	13.0		▼ ↓		
▲ ISTANBUL VOR (IST) 405741N-0284838E	<u>084</u> 264	62.9				
▲ BEYKOZ VOR (BKZ) 410737N-0290834E	<u>051</u> 231	18.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
M688 (RNAV 5)						
▲ BAYIR 383541N-0412414E						- Unidirectional eastbound.
△ ULTED 382102N-0414934E	122	24.7	<u>FL285</u> FL195	↓		
△ EMBAG 380736N-0421231E		22.5				
△ OTKEP 375133N-0423936E		26.7				
▲ RATVO (FIR BDRY) 371426N-0435604E	116	71.2				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
M853 (RNAV 5)						
▲ ANTALYA VOR (AYT) 365514N-0304740E	025 205	79.7	FL285 FL195	↓		- KUGOS - INB segment is not available for south bound traffic at or above FL310. - BUK -KUGOS segment will only be available BTN 01APR-01NOV 1730-0230 UTC, 02NOV/31 MAR 1700-0430 UTC and at weekends, public holidays stated on page GEN 2.1
▲ OKLAM 380527N-0313458E		147.4				
▲ CUBUK VOR (BUK) 401431N-0330618E		012 192				
▲ IBURA 410103N-0332225E	17.8					
▲ OSRIN 411816N-0332829E	40.2					
▲ INEBOLU VOR (INB) 415705N-0334222E	014 194	15.1		↑		
▲ GAKSU 421121N-0334851E		37.6				
▲ KUGOS (FIR BDRY) 424650N-0340516E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
M854 (RNAV 5)						
▲ GAZIANTEP VOR (GAZ) 365705N-0372822E	327 146	14.8	FL285 FL195	↓		- GEM - INB segment will only be available BTN 01APR-01NOV 1730-0230 UTC, 02NOV/31 MAR1700-0430 UTC and at weekends, public holidays stated on page GEN 2.1
▲ ADRES 371017N-0372001E		6.2				
▲ ARPAG 371545N-0371628E		22.0				
△ DONDU 373511N-0370329E		15.0				
▲ ERMEM 374841N-0365511E		22.1				
▲ KEPES 380824N-0364227E		68.7				
△ USFAF 390914N-0360143E	322 144	40.6		↑		
△ ELDEN 394350N-0353422E		12.6				
△ TIMOP 395435N-0352545E		5.9				
△ ERGUN 395931N-0352140E		53.5				
▲ INEBOLU VOR (INB) 404447N-0344420E	330 150	86.1				
▲ SUMOL (FIR BDRY) 415705N-0334222E		56.0				
424756N-0331052E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
M855 (RNAV 5)						
▲ TOMBI (FIR BDRY) (2) 360226N-0304928E	355 175	22.5	FL285 FL195		↓	(1) Ref AIP TRNC ENR 3.3 KFK - BKZ segment unidirectional westbound (2) All aircraft to enter Turkish Airspace via TOMBI entry/exit point, until they arrive the subject point, shall contact to Ankara ACC through 127.85, 128.75, 130.4, 124.075 MHz or the emergency channels not less than 10NM to TOMBI entry/exit point. Any aircraft not contact to Ankara ACC until reaching to the TOMBI entry/exit point shall not be permitted to enter Turkish Airspace.
▲ DERYA 362456N-0304843E		30.3				
▲ ANTALYA VOR (AYT) (1) 365514N-0304740E	350 170	29.9				
▲ KUMRU 372456N-0304358E		10.1				
△ ELMAS 373500N-0304230E		18.5				
△ EKSEN 375326N-0304013E		5.5				
△ LEMDA 375856N-0303925E		18.0				
▲ IRGAK 381650N-0303704E		31.6				
▲ AFYON VOR (KFK) 384814N-0303248E	328	44.0	FL285 FL125		↓	
▲ EDASA 392736N-0300728E	331	19.7				
▲ OTSIX 394542N-0295722E		10.0				
▲ SISPI 395453N-0295212E	330	79.9				
▲ BEYKOZ VOR (BKZ) 410737N-0290834E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
M856 (RNAV 5)						
▲ RAKUR (FIR BDRY) 424756N-0315652E	164	66.5	<u>FL285</u> FL195	↓		- Unidirectional eastbound. - RAKUR - BAG segment will only be available BTN 01APR-01NOV 1730-0230 UTC, 02NOV/31 MAR 1700-0430 UTC and at weekends, public holidays stated on page GEN 2.1
△ HAKAN 414324N-0321754E		102.0				
▲ BAGLUM VOR (BAG) 400412N-0324836E		35.7				
△ OZCIM 392844N-0325417E	169	6.5	<u>FL285</u> FL205			
▲ TELVO 392216N-0325518E		9.4				
▲ ERKUK 391255N-0325635E		29.4				
▲ OKELI 384344N-0330100E		42.5				
▲ OBRUK 380126N-0330708E		70.2				
▲ MUT VOR (MUT) 365146N-0331730E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
M859 (RNAV 5)						
▲ UDROS (FIR BDRY) 424420N-0303546E					<div>- Unidirectional eastbound</div> <div>- M859 will only be available BTN 01 APR/01 NOV from 1730 UTC to 0230 UTC and BTN 02 NOV/31 MAR from 1715 UTC to 0445 UTC and at weekends, public holidays stated on page GEN 2.1</div>	
▲ BAMUP 423515N-0320103E	92	63.5	<div>↓</div>			
▲ ABKEV 423503N-0320254E	93	1.4				
▲ BIMVO 422722N-0330755E		48.6				
▲ VEPUM 422514N-0332502E	94	12.8				
▲ RERVA 422135N-0335333E		21.4				
▲ RUVOM 421737N-0342336E		22.6				
▲ OSDIP 421418N-0344755E	95	18.3				
△ EVKAM 420905N-0352447E		27.9				
▲ KARDE 415414N-0370243E		74.4				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
M860 (RNAV 5)						
△ RENGI 382750N-0410448E						- NINVA-SRT VOR segment unidirectional westbound.
▲ SIIRT VOR (SRT) 375438N-0415255E						
▲ EFPEZ 373518N-0423919E						
▲ NINVA (FIR BDRY) 372100N-0431300E						
	124 306	50.4	FL285 FL195	↓	↑	
	294	41.6				
		30.3			↑	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
M861 (RNAV 5)						
▲ CUBUK VOR (BUK) 401431N-0330618E						- Unidirectional westbound - BUK-RAKUR segment will only be available BTN 01 APR/01 NOV from 1730 UTC to 0230 UTC and BTN 02 NOV/31 MAR from 1700 UTC to 0430 UTC and at weekends, public holidays stated on page GEN 2.1
▲ RAKUR (FIR BDRY) 424756N-0315652E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
N37 (RNAV 5)						
▲ TRABZON VOR (TBN) 405943N-0394744E						
▲ ODZOL 410741N-0401059E	059 239	19.3	FL285 FL085	↓		
▲ ATPUM 411136N-0402233E		9.6				
▲ ZUBRE 411215N-0402429E		1.6				
▲ IFEMU 412631N-0410719E	059 240	35.3				
▲ LAFNE 412906N-0411513E	060 240	6.5		↑		
▲ SARPI (FIR BDRY) 413256N-0412659E		9.6				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
N61 (RNAV 5)						
▲ TRABZON VOR (TBN) 405943N-0394744E						
△ GONPU 411802N-0415738E						
▲ NOLGA (FIR BDRY) 412541N-0425844E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
N127 (RNAV 5)						
▲ RIKSO (FIR BDRY) 385000N-0262600E						- For RIKSO and BENEM: REF ENR 2.1-1 İstanbul FIR remarks column note (3) - RIKSO-IMR segment: 01 APR-01 NOV 0230-1730 UTC, 02 NOV-31 MAR 0430-1700 UTC EXCEPT weekends and public holidays stated at GEN 2.1, MNM FL 240.
▲ IZMIR VOR (IMR) 381902N-0270026E	<u>133</u> 313	41.1	<u>FL285</u> FL125	↓		
▲ UFQUM 375313N-0272857E	<u>135</u> 314	34.2	<u>FL285</u> FL235			
▲ ULKAN 371809N-0280733E		46.6	<u>FL285</u> FL135			
▲ SONEN 370917N-0281707E		11.7				
▲ KEKIK 370443N-0282204E		6.0				
△ DALAMAN VOR (DAL) 364122N-0284656E	30.7					
▲ BIRPU 361908N-0291029E	<u>134</u> 314	29.3		↑		
▲ BENEM (FIR BDRY) 361100N-0291900E	10.7					

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
N128 (RNAV 5)							
▲ RIKSO (FIR BDRY) 385000N-0262600E	<u>133</u> 313	41.1	<u>FL285</u> FL125	↓		- For RIKSO and BANRO: REF ENR 2.1-1 Istanbul FIR remarks column note (3). - RIKSO-IMR segment: 01 APR-01 NOV 0230-1730 UTC, 02 NOV-31 MAR 0430-1700 UTC except weekends and public holidays stated on page GEN 2.1; MNM FL240.	
▲ IZMIR VOR (IMR) 381902N-0270026E		45.1	<u>FL285</u> FL135				
△ OKESA 373745N-0272311E	8.5						
▲ AKBUK 373000N-0272738E							14.0
△ YOYYO 371706N-0273424E							
▲ YUNUS 364235N-0275300E	14.0		↑				
▲ BANRO (FIR BDRY) 362941N-0275943E							

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
N129 (RNAV 5)						
▲ DUGLA 392956N-0271328E	<div>↓</div> <div>↑</div>					- When there are military training flights MNM usable FL 250.
▲ PIROX (FIR BDRY) 362900N-0280300E						- For PIROX: REF ENR 2.1-1 Istanbul FIR remarks column note (3).

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
N131 (RNAV 5)									
▲ BELGI 403000N-0255300E	124	33.2	FL285 FL135	↓		- Unidirectional eastbound			
▲ CANAKKALE VOR (CNK) 400804N-0262536E		129				30.7	- For BELGI: REF ENR 2.1-1 İstanbul FIR remarks column note (3).		
▲ SUDES 394610N-0265336E	130					22.3	- For KULAR: Only available for traffic destined to Antalya Airport.		
▲ DUGLA 392956N-0271328E		125				11.7	- AYT VOR - DOREN segment will only be authorized for traffic to or from Ercan (LCEN) Airport		
▲ OVZOK 392229N-0272508E	27.3					- BELGI - NILER segment will only be available BTN 01 APR-01 NOV 1730- 0230 UTC, 02 NOV-31 MAR 1700- 0430 UTC and at weekends, public holidays stated on page GEN 2.1			
△ NILER 390502N-0275211E	46.7					- NILER-KULAR segment will only be available BTN 01 APR-01 NOV 0230- 1730 UTC, 02 NOV-31 MAR 0430- 1700 UTC except weekends and public holidays stated on page GEN 2.1 MNM FL250.			
▲ KULAR 383456N-0283758E	129	44.8				FL285 FL135	↓		(1) Ref AIP TRNC ENR 3.3
▲ BAGLU 380416N-0291931E		24.7							- The segment BTN AYT VOR- DOREN will only be authorized for traffic to or from Ercan Airport (LCEN). All operators shall file flight plans in accordance with this regulation.
▲ CARDAK VOR (CRD) 374723N-0294215E	130	19.9							
▲ SALDA 373319N-0300001E		5.0							
△ KOZLU 372950N-0300428E		18.9							
▲ BRONZ 371611N-0302058E		29.9							
▲ ANTALYA VOR (AYT) (1) 365514N-0304740E	111	30.2	FL285 FL115	↓					
△ MANAV 364156N-0312128E		17.2							
▲ GELKI 363443N-0314051E		13.3							
△ VEMEK 362820N-0315520E		43.1							
▲ BATNU 360939N-0324326E		30.4							
▲ DOREN (FIR BDRY) 355556N-0331658E									

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address							
				Odd	Even								
1	2	3	4	5		6							
N135 (RNAV 5)													
▲ VESAR (FIR BDRY) (2) 355456N-0340058E	288 106	38.3	FL285 FL125		↓	- LAVTA-IMR VOR segment will only be available BTN 01 APR - 01 NOV 0230-1730 UTC 02 NOV-31 MAR 0430-1700 UTC except weekends and public holidays stated on page GEN 2.1 MNM FL240 (1) Ref AIP TRNC ENR 3.3 (2) All aircraft to enter Turkish Airspace via VESAR entry/exit point, until they arrive the subject point, shall contact to Ankara ACC through 127.85, 128.75, 130.4, 124.075 MHZ or the emergency channels not less than 10NM to VESAR entry/exit point. Any aircraft not contact to Ankara ACC until reaching to the VESAR entry/exit point shall not be permitted to enter Turkish Airspace.							
△ NEKES 360913N-0331705E		29.7											
△ TUKTU 362005N-0324258E		33.7											
△ ALNYA 363218N-0320402E		24.3											
▲ KULOL 364059N-0313537E		10.7											
△ ADASU 364504N-0312320E		30.3											
▲ ANTALYA VOR (AYT) (1) 365514N-0304740E	290 108	42.4											
△ ERGIN 371348N-0295958E		14.9											
△ NESIL 372035N-0294323E		15.9											
▲ BALSU 372730N-0292525E		37.8											
▲ LAVTA 374318N-0284212E	41.5	294 112								3.8			
▲ KUMAN 380154N-0274958E	19.8												
▲ AFLUH 380955N-0272658E	22.8												
▲ IZMIR VOR (IMR) 381902N-0270026E													

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6

N136 (RNAV 5)						
▲ SOTIV 363300N-0282900E						- For SOTIV: REF ENR 2.1-1 İstanbul FIR remarks column note (3).
▲ DALAMAN VOR (DAL) 364122N-0284656E	<u>056</u> 235	16.7	<u>FL285</u> FL125	↓		
▲ OZYAK 370730N-0290836E	<u>028</u> 209	31.4	<u>FL285</u> FL095			
▲ SUNAT 371507N-0291459E		9.2				
▲ RIVBU 371938N-0291845E		5.5				
▲ BALSU 372730N-0292525E		24.0				
▲ CARDAK VOR (CRD) 374723N-0294215E	<u>028</u> 208	25.9	<u>FL285</u> FL115			
△ TEKDO 382020N-0300924E		13.4				
△ UPKUL 383154N-0301903E		13.8				
▲ AFYON VOR (KFK) 384814N-0303248E		19.6				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address				
				Odd	Even					
1	2	3	4	5		6				
N161 (RNAV 5)										
▲ ERZURUM VOR (ERZ) 395724N-0411225E	<div></div>									
▲ ALVAR 395945N-0414435E							24.8	<u>FL285</u> FL155	<div></div>	
△ YAVUZ 400240N-0422600E										32.0
▲ BIRZU 400430N-0425611E							23.2	<u>FL285</u> FL115		
▲ ELTOX 400559N-0432210E										20.0
▲ INDUR (FIR BDRY) 400656N-0433953E							13.6	<u>FL285</u> FL135		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
N374 (RNAV 1)						
▲ IĞDIR VOR (GDR) 395821N-0435311E	<u>100</u> 280	34.8	<u>FL285</u> 10500FT	↓	↑	
△ GEZSO 394834N-0443636E						
▲ TUXAZ (FIR BDRY) 394229N-0444437E		<u>128</u> 309				
		8.7				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
N604 (RNAV 5)						
▲ AMANI						- For AMANI: REF ENR 2.1-1 İstanbul FIR remarks column note (3) - BEYKOZ-MAKOL segment: unidirectional westbound.
391956N-0262958E △ SUDES	<u>031</u> 211	32.0	FL285 FL195	↓		
394610N-0265336E ▲ INBET		30.6				
401111N-0271630E ▲ BIGA VOR (BIG)		7.2				
401703N-0272155E ▲ BEYKOZ VOR (BKZ)		95.5				
410737N-0290834E ▲ ERTAS	<u>054</u> 234	20.1		↑		
412741N-0290848E ▲ MAKOL (FIR BDRY)		356	42.6		↓	
421014N-0290834E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
N616 (RNAV 5)						
▲ RIXEN (FIR BDRY)						- Unidirectional eastbound. - IST - TUMER segment will only be available BTN 01APR-01NOV 1730-0230 UTC, 02 NOV/31 MAR 1700-0430UTC and at weekends, public holidays stated on page GEN 2.1
▲ 420456N-0284558E GINLI	173	12.7	FL285 FL195	↓		
▲ 415216N-0284628E TETSA		7.5				
△ 414446N-0284645E UNSAV		16.1				
△ 412842N-0284723E FATIH		15.0				
▲ 411341N-0284758E ISTANBUL VOR (IST)		16.0				
△ 405741N-0284838E OVACI	163	72.2				
▲ 394720N-0290915E DEDIM		24.1				
△ 392350N-0291607E TUMER		44.9				
▲ 383956N-0292813E CARDAK VOR (CRD)		53.8				
374723N-0294215E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
N 617						
▲ MAKOL (FIR BDRY) 421014N-0290834E	356	42.6	FL285 FL195		▲ ↑	YALOVA VOR - IRGAK segment - Unidirectional eastbound. MAKOL - YALOVA VOR segment - Unidirectional westbound.
ERTAS 412741N-0290848E		20.1				
▲ BEYKOZ VOR (BKZ) 410737N-0290834E		39.3				
▲ YALOVA VOR (YAA) 402830N-0291227E	352					
△ ROXUK 395325N-0294307E	141	42.2	FL285 FL125	↓		
▲ RORMU 393112N-0295537E	151	24.2				
▲ ERVAG 390355N-0301058E		29.7				
▲ IRGAK 381650N-0303704E		51.3				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address		
				Odd	Even			
1	2	3	4	5		6		
N618 (RNAV 5)								
▲ DALAMAN VOR (DAL) 364122N-0284656E	<u>299</u> 119	30.4	<u>FL285</u> 7500 FT AMSL	↓		- EKI - VADEN segment: unidirectional westbound.		
▲ ERFES 365827N-0281537E		9.8						
▲ CENGO 370356N-0280528E		24.6						
▲ MILAS VOR (BDR) 371528N-0273816E	<u>293</u> 113	3.5						
△ YOYYO 371706N-0273424E	<u>331</u> 151	14.0	<u>FL285</u> FL195					
▲ AKBUK 373000N-0272738E		8.5						
△ OKESA 373745N-0272311E		45.1						
▲ IZMIR VOR (IMR) 381902N-0270026E	<u>003</u> 184	41.4						
▲ BERGO 385956N-0270758E		30.3						
▲ DUGLA 392956E-0271328E		19.0						
△ KONEN 394842N-0271638E		6.0						
▲ LEDLO 395439N-0271744E		4.4						
△ RAUMA 395902N-0271833E		18.2						
▲ BIGA VOR (BIG) 401703N-0272155E		40.2						
▲ TEKIRDAG VOR (EKI) 405703N-0272534E	<u>360</u> 180	38.0					↑	↓
△ SERCE 413438N-0271833E	348	29.6						
▲ VADEN (FIR BDRY) 420356N-0271258E								

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
N644 (RNAV 5)						
▲ DIGTI (FIR BDRY) 410731N-0261917E	084	16.0	FL285 FL115	↓		- DIGTI-BKZ VOR segment unidirectional eastbound
▲ NONDU 410747N-0264029E		77.5				
▲ TIRER 410811N-0282303E						
▲ BEYKOZ VOR (BKZ) 410737N-0290834E	085	34.4				
▲ YASEN 411156N-0293058E	071 253	17.4	FL285 FL125	↓		
△ PAZAR 411756N-0295958E		22.6				
▲ AKCAK 412544N-0304329E	071 251	33.7	FL285 FL145			
▲ GUMRU 413256N-0312058E	070 250	29.1				
△ HAKAN 414324N-0321754E	071 253	43.9	FL285 FL115			
△ MIMTO 415049N-0330248E		34.3				
▲ INEBOLU VOR (INB) 415705N-0334222E		30.2				
▲ SINOP VOR (SIN) 420123N-0350434E	079 260	61.4				
△ KARDE 415414N-0370243E	085 268	88.4	FL285 FL175			
△ FALAZ 415040N-0393100E		110.8				
△ ZERGE 414918N-0400736E	086 269	27.4	FL285 FL085		↑	
▲ ROLIN (FIR BDRY) 414757N-0403923E		23.8				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
N743 (RNAV 5)									
▲ UDROS (FIR BDRY) 424420N-0303546E	<div>↓</div>								
△ ABSAX 422001N-0323501E							100	91.5	FL285 FL195
▲ GAKSU 421121N-0334851E							094	55.5	
△ RUVOM 421737N-0342336E							071	26.6	FL285 FL205
▲ ODIRA (FIR BDRY) 424232N-0365453E								114.6	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
P29 (RNAV 5)						
▲ SUMOL (FIR BDRY) 424756N-0331052E						- Unidirectional east bound - SUMOL-BAG segment will only be available BTN 01 APR/01 NOV 1730/0230 UTC. 02 NOV/31 MAR 1700/0430 UTC and at weekends, public holidays stated on page GEN 2.1 MNM FL200.
▲ BIMVO 422722N-0330755E	182	20.7	FL285 FL195	↓		
▲ MIMTO 415049N-0330248E		36.7				
▲ TEPKI 412712N-0325934E		23.8				
▲ BAGLUM VOR (BAG) 400412N-0324836E		83.5				
△ HALIL 392326N-0322128E	204	45.8	FL285 FL205			
△ HISAR 380656N-0313228E		85.6				
△ DAMLA 372141N-0310518E		50.1	FL285 FL115			
▲ ANTALYA VOR (AYT) 365514N-0304740E		30.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
P146 (RNAV 5)						
▲ TRABZON VOR (TBN) 405943N-0394744E						- Unidirectional eastbound
▲ MILQO 404745N-0402209E						
△ YAVUZ 400240N-0422600E	110	28.7	FL285 FL195	↓		
▲ AGRI VOR (ARI) 393845N-0430138E	126	104.7				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
P727 (RNAV 5)						
▲ FENER 411711N-0282128E						- Unidirectional westbound
▲ IBLAX (FIR BDRY) 415859N-0281709E	349	41.9	<u>FL285</u> 4500 FT MSL		↓	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
P975 (RNAV 5)						
▲ ARTAT (FIR BDRY) 422150N-0293727E						<div>- Unidirectional east bound</div> <div>- ARTAT - ELAZIG segment will only be available BTN 01 APR/01 NOV from 1700 UTC to 0200 UTC and BTN 02 NOV/31 MAR from 1700 UTC to 0415 UTC and at weekends, public holidays stated on page GEN 2.1</div>
△ ERMUP 420002N-0310122E	104	66.1		↓		
△ ROKVA 414945N-0313926E	105	30.2				
▲ NAPIP 414824N-0314420E		3.9				
△ UNVUS 414142N-0320829E		19.3				
△ ASMOB 414010N-0321358E		4.4				
△ RELTU 413839N-0321924E		4.4				
△ APTOX 413535N-0323015E		8.7				
△ TEPKI 412712N-0325934E	23.6					
▲ PIPUR 412104N-0331420E	114	12.7				
△ ORMAN 411731N-0332309E		7.5				
△ ERGUN 404447N-0344420E		69.6				
▲ SIVAS VOR (SIV) 394722N-0365336E		114.3				
▲ NUNTU 393447N-0372135E		25				
△ VEVEN 392710N-0373818E		15				
▲ ARPUT 385032N-0385631E		71				
▲ ELAZIG VOR (EZS) 384229N-0391326E		15.5				


Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
Q26 (RNAV 5)						
▲ ANTALYA VOR (AYT) 365514N-0304740E						- Unidirectional westbound.
▲ EKNUD 380745N-0304837E	355	72.4	FL285 FL195	<div>↓</div>		
▲ OSDAN 385107N-0304125E	347	43.7				
▲ HANKO 392956N-0301558E	328	43.5	FL285 FL235			
△ EMBIX 395743N-0300105E	332	30.0				
△ INSEG 403941N-0293811E		45.4				
△ BEYKOZ VOR (BKZ) 410737N-0290834E	316	35.8				
▲ DIGBO 412937N-0282416E	298	40.0				
▲ TUDBU (FIR BDRY) 415800N-0274637E	310	40.0	FL285 4500FT MSL			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T30 (RNAV 5)						
▲ ATGIT 381205N-0294457E						- Unidirectional westbound.
▲ SIVKU 390805N-0295848E	006	57.0	FL285 FL095		↓	
▲ KARGI 392545N-0300316E		18.0				
▲ OTSIX 394542N-0295722E	342	20.4				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address					
				Odd	Even						
1	2	3	4	5		6					
T32 (RNAV 5)											
▲ CUBUK VOR (BUK) 401431N-0330618E	291	150.1	FL285 FL195		↑	- GEM-BUK segment: Unidirectional westbound. - BUK-GEM segment: Not available for domestic traffic (DEP/DEST BTN Turkish Airports)					
▲ GEMEREK VOR (GEM) 390914N-0360143E											
△ UREBO 384722N-0370839E	106 287	56.5	FL285 FL145	↓							
▲ MALATYA VOR (ERH) 382745N-0380643E											
△ ASKER 381637N-0384705E	103 284	33.6					14.6	8.0	49.0		
△ DIGIL 381143N-390438E											
▲ MOVUL 380910N-0391355E											
▲ DIYARBAKIR VOR (DYB) 375225N-0401230E											
▲ SUMAP 380702N-0403624E	046 226	24.0					12.3	4.1	14.3	16.5	15.2
△ TAMER 381426N-0404859E											
△ EKMIN 381703N-0405304E											
△ BALIM 382547N-0410727E											
△ BAYIR 383541N-0412414E											
▲ MUS VOR (MUS) 384500N-0413940E											

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T35 (RNAV 5)						
▲ ISTANBUL VOR (IST) 405741N-0284838E	152	68.4	FL285 FL245	↓		- Unidirectional eastbound.
▲ RATVU 395424N-0292242E		17.3	FL285 FL205			
▲ NUMTI 393828N-0293127E						
▲ DOKUB 385328N-0295344E	153	48.2	FL285 FL245			
▲ TEKDO 382020N-0300924E	154	35.3	FL285 FL195			
▲ UNEPI 381458N-0301152E	155	5.7				
▲ BABSA 380056N-0301818E		14.9				
▲ ANTALYA VOR (AYT) 365514N-0304740E		69.7	FL285 FL175			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T36 (RNAV 5)						
▲ ELAZIG VOR (EZS) 384229N-0391326E	093	56.6	FL285 FL205	↓		- Elazığ VOR - ULKEM and DERIL- ALRAM segments are unidirectional eastbound.
△ ASPUL 383306N-0402446E		31.8				
△ RENGİ 382750N-0410448E		35.8				
△ ULTED 382102N-0414934E	096	28.3		↓	↑	
△ LIVDO 381541N-0422450E		45.8				
△ ULKEM 380638N-0432153E	110 290	54.7		↓	↑	
▲ ALRAM (FIR BDRY) 374404N-0442454E	090	9.6		↓		
374230N-0443736E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T39 (RNAV 5)						
▲ KULAR 383456N-0283758E						- KULAR - LAMSA segment will not be used BTN FL200-FL250 if there are military flights.
▲ IPGIG 375041N-0291713E	141	54.0	<u>FL285</u> FL125			
▲ NESIL 372035N-0294323E		36.6				
▲ LAMSA 370639N-0295522E		16.9				
▲ EDISI 365057N-0300847E		19.0				


Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T44 (RNAV 5)						
△ MARMA 403138N-0273856E						- Unidirectional eastbound.
▲ ALEDA 395139N-0275022E	163	40.9	<u>FL285</u> FL125	↓		
▲ MINSU 390504N-0280322E		47.6	<u>FL285</u> FL175			
△ KULAR 383456N-0283758E	133	40.5	<u>FL285</u> FL235			
△ LAVTA 374318N-0284212E	171	51.8	<u>FL285</u> FL145			
▲ ATSA 373001N-0284308E		13.3	<u>FL285</u> FL115			
△ KAVAK 372126N-0284358E		8.6				
▲ DALAMAN VOR (DAL) 364122N-0284656E		40.1				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T54 (RNAV 5)						
▲ SITRU (FIR BDRY) 380626N-0261758E				↓		- For SITRU: REF ENR 2.1-1 İstanbul FIR remarks column note (3)
▲ IZMIR VOR (IMR) 381902N-0270026E	<u>064</u> 244	35.7	<u>FL285</u> FL065			
△ LASON 382305N-0272710E	<u>073</u> 253	21.4	<u>FL285</u> FL095			
△ VAKUM 383008N-0281529E		38.6				
△ KULAR 383456N-0283758E	<u>071</u> 252	18.3	<u>FL285</u> FL135			
△ NESET 383753N-0290711E	<u>076</u> 257	23.1				
△ TUMER 383956N-0292813E		16.6				
△ KINIK 384356N-0295958E	<u>076</u> 257	25.1	<u>FL285</u> FL095			
▲ AFYON VOR (KFK) 384814N-0303248E		26.0				
△ ROLVI 391304N-0314841E	<u>063</u> 244	64.1				
△ HALIL 392326N-0322128E		27.5				
▲ HAYMANA NDB (HAY) 392612N-0323034E		7.6				
△ OZCIM 392844N-0325417E	<u>076</u> 256	18.5	<u>FL285</u> FL195			
△ EPHIK 393059N-0331540E		16.7				
▲ AVCES 393312N-0333736E		17.1				
△ JUPNE 393742N-0342422E	<u>076</u> 257	36.4				
▲ USFAF 394350N-0353422E	<u>077</u> 258	54.4				
△ ZACUF 394701N-0361437E	<u>080</u> 261	31.2	↑			
▲ SİVAS VOR (SIV) 394722N-0365336E		30.1				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T57 (RNAV 5)						
▲ VICEN 403957N-0301803E	<div>Unidirectional eastbound.</div>					
△ ZAPWI 403203N-0303129E						
△ BEZWU 402947N-0304414E						
▲ VEVUD 402251N-0311320E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
T58 (RNAV 5)									
▲ KUXIL 372851N-0290018E	<div>↓</div>					Unidirectional eastbound.			
▲ IPGIG 375041N-0291713E							027	25.6	FL285 FL125
▲ ATGIT 381205N-0294457E							041	30.6	
▲ EMKUD 383610N-0301641E								34.7	FL285 FL095
▲ AFYON VOR (KFK) 384814N-0303248E								17.5	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T62 (RNAV 5)						
▲ TELVO 392216N-0325518E						- TELVO-KONAK segment will only be available BTN 31 MAY-01 NOV from 1730-0230 UTC and at weekends, public holidays as stated in section GEN 2.1 or instructed by ATC.
▲ RUKAP 374915N-0315758E						
▲ VAPEK 372200N 0314140E						
▲ PIDEV 370539N-0313200E						
▲ KONAK 365341N-0312458E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T69 (RNAV 5)						
▲ BAKPI 384458N-0293933E	140	21.1	<u>FL285</u> FL195			- Unidirectional eastbound.
▲ RUNOL 382737N-0295453E			32.4			
▲ BABSA 380056N-0301818E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T76 (RNAV 5)						
▲ DOKUB 385328N-0295344E						- Unidirectional eastbound.
▲ AFYON VOR (KFK) 384814N-0303248E	94	31.0	FL285 FL195	↓		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
T79 (RNAV 5)									
▲ ILHAN 402638N-0334213E	<div>↓</div>					- Unidirectional westbound.			
▲ DEREL 404250N-0321136E							277	70.9	<u>FL285</u> FL145
△ UFKAC 405417N-0312515E							282	37.0	
▲ NAMAN 405956N-0305958E							280	20.0	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
T97 (RNAV 5)									
▲ KANQO 411330N-0304536E	<div>↑</div>					- Unidirectional westbound			
△ LETBU 410758N-0320409E							270	59.6	<u>FL285</u> FL145
▲ ASTAL 404426N-0330728E							290	53.4	<u>FL285</u> FL195
▲ ILHAN 402638N-0334213E							298	31.9	
▲ TIMOP 395931N-0352140E							284	80.9	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T142 (RNAV 5)						
▲ ASKER						
381637N-0384705E						
▲ SONSU						
375248N-0382312E						
▲ BUPUN	214 034	37.0	<u>FL285</u> FL145	▲ ↑	▼ ↓	
372340N-0375420E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T143 (RNAV 5)						
▲ ARTAR 370538N-0385041E	<div></div>					
▲ OSKOV 370416N-0380927E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T162 (RNAV 5)						
▲ DIGTI (FIR BDRY) 410731N-0261917E	107	14.2	<u>FL285</u> FL085	↓		- Unidirectional eastbound.
▲ DRAMO 410204N-0263640E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T165 (RNAV 5)						
▲ TRABZON VOR (TBN) 405943N-0394744E	<u>094</u> 274	28.7	<u>FL285</u> FL095	↓		
△ NETPU 405522N-0402508E		11.0				
△ ABVEX 405339N-0403928E		10.1	<u>FL285</u> FL135			
△ SUREL 405202N-0405238E	<u>096</u> 276	12.0	<u>FL285</u> FL155			
△ LEGDO 405006N-0410814E		61.7				
▲ LUMEX 403909N-0422809E		5.6				
▲ AKUTU 403805N-0423519E		8.8	<u>FL285</u> FL145			
▲ EDASU 403624N-0424636E	15.3					
▲ KARS VOR (KAR) 403324N-0430614E	14.8					
▲ EKPOS 404126N-0432238E	<u>052</u> 232	16.6				
▲ REBLO (FIR BDRY) 405024N-0434106E		↑				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T166 (RNAV 5)						
▲ ERZİNCAN VOR (ERN) 394230N-0393145E	004 184	14.5	FL285 FL145	↓		
▲ ORHAN 395651N-0393440E		8.8	FL285 FL155			
▲ BALON 400530N-0393630E		19.8				
▲ SONAD 402505N-0394035E	003 183	5.1		↑		
▲ PIXAP 403006N-0394132E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T167 (RNAV 5)						
▲ DELEL 405754N-0405325E						
▲ OTROM 405640N-0403933E	<u>258</u> 078	10.6	<u>FL285</u> FL115	▲	▼	
▲ NETPU 405522N-0402508E		11.0	<u>FL285</u> FL095			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T168 (RNAV 5)						
▲ RIZE-ARTVIN VOR (ART) 411049N-0405131E						
▲ ALNOZ 405120N-0405708E						
▲ LEHOK 402151N-0410533E						
▲ ERZURUM VOR (ERZ) 395724N-0411225E						
	161 341	19.9	FL285 FL155	↓	↑	
		30.2				
		25.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T179 (RNAV 5)						
▲ ERVAG	<div>127</div> <div>23.1</div> <div>FL285 FL125</div> <div>↓</div>					- Unidirectional eastbound.
390355N-0301058E						
▲ AFYON VOR(KFK) 384814N-0303248E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T210 (RNAV 5)						
▲ ASTAL 404426N-0330728E						- Unidirectional westbound.
▲ DEREL 404250N-0321136E	262	42.5	FL285 FL145		↓	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T238 (1, 2, 3) (RNAV 5)						
▲ OKESA 373745N-0272311E	<u>061</u> 241	8.6	<u>FL285</u> FL065	↓		(1) CLD VOR-LAVTA segment can only be used 1900-0400 UTC and at weekends, public holidays stated on page GEN 2.1. (2) Times other than those stated in remark (1) CLD VOR-LAVTA segment can only be used by Tactical Civil Military Coordination. 3) IFR traffic to/from LTBD Airport is allowed to use OKESA-CLD VOR and CLD VOR-LAVTA segments 7/24 and exempted from provisions stated at Remark 1 and 2, provided that they submit FPL 45 minutes or earlier prior to departure/arrival time from/to LTBD Airport.
▲ OZNEF 374121N-0273303E		18.1				
▲ CILDIR VOR (CLD) 374853N-0275347E	<u>094</u> 274	20.0	<u>FL285</u> FL095	↑		
▲ UVTOL 374603N-0281846E		18.8				
▲ LAVTA 374318N-0284212E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T241 (1, 2, 3, 4) (RNAV 5)						
▲ AKBUK 373000N-0272738E	044 224	8.0	FL285 FL065	↓		(1) KULA VOR-MISRO segment Unidirectional westbound. (2) CLD VOR-MISRO segment can only be used 1900-0400 UTC and at weekends, public holidays stated on page GEN 2.1. (3) Times other than those stated in remark (2) CLD VOR-MISRO segment can only be used by Tactical Civil Military Coordination. (4) IFR traffic to/from LTBD Airport is allowed to use AKBUK-CLD VOR and CLD VOR-KULA VOR segments 7/24 and exempted from provisions stated at Remarks 2 and 3, provided that they submit FPL 45 minutes or earlier prior to departure/arrival time from/to LTBD Airport.
△ ALPUW 373525N-0273505E		20.0				
▲ CILDIR VOR (CLD) 374853N-0275347E	032 212	30.0	FL285 FL085		↑	
▲ NODKO 381311N-0281607E		27.0				
▲ KULA VOR (DEN) 383441N-0283610E	210	76.9	FL285 FL105		↑	
▲ NUMTI 393828N-0293127E						
▲ MISRO 395710N-0294804E		22.7				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T243 (RNAV 5)						
▲ HAYMANA NDB (HAY) 392612N-0323034E	<div></div>					
△ AZBUL 392256N-0332143E						
△ BADOX 391955N-0335831E						
△ ERMOD 391324N-0351648E						
▲ GEMEREK VOR (GEM) 390914N-0360143E						
	090 271	39.8 28.7 61.1 35.2	FL285 FL195	↓	↑	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T244 (RNAV 5)						
<div>△</div> <div>REBTA</div> <div>374112N-0331010E</div>						
<div>▲</div> <div>MANAZ</div> <div>365453N-0342441E</div>						
	<div>121</div> <div>301</div>	75.3	<div>FL285</div> <div>FL125</div>	<div>↓</div>	<div>↑</div>	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T264 (RNAV 5)						
△ FENER 411711N-0282128E						- Unidirectional westbound.
▲ TUDBU (FIR BDRY) 415800N-0274637E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T268 (RNAV 5)						
▲ RIVBU 371938N-0291845E						- Unidirectional eastbound.
▲ IPGIG 375041N-0291713E	352	31.0	<u>FL285</u> FL125	↓		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T275 (RNAV 5)						
▲ INEBOLU VOR (INB) 415705N-0334222E	<div>168 348</div> <div>36.3</div> <div>FL285 11000 FT MSL</div> <div>↓</div> <div>↑</div>					
▲ KASTAMONU VOR (KST) 412101N-0334800E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T276 (RNAV 5)						
▲ KASTAMONU VOR (KST) 412101N-0334800E						
▲ OSRIN 411816N-0332829E						
▲ ORMAN 411731N-0332309E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
T277 (RNAV 5)									
▲ ANTALYA VOR (AYT) 365514N-0304740E	118	52.4	FL285 9000 FT MSL	↓		- Unidirectional eastbound.			
▲ UTUSO 362659N-0314238E		19.8	FL285 3000 FT MSL						
▲ BEPTO 361611N-0320312E									

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
T283 (RNAV 5)									
▲ OKESA 373745N-0272311E	<div>↓</div> <div>↑</div>					- The segment BTN OKESA-BALSU BTN 01 APR/01 NOV 0230-1730 UTC and 02 NOV/31 MAR 0430-1700 UTC except weekends and public holidays stated on page GEN 2.1, MNM FL250			
△ ALPUW 373525N-0273505E							100 280	9.7	FL285 FL115
△ KAVAK 372126N-0284358E								56.6	
△ BALSU 372730N-0292525E							075 255	33.6	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T301 (RNAV 5)						
△ NARLI 374856N-0431459E						
▲ INLAP 374101N-0434445E						
▲ YUKSEKOVA VOR (YKV) 373257N-0441433E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T302 (RNAV 5)						
▲ ADORU (FIR BDRY) 415218N-0263406E						The Segment BTV ADORU - ERSEN is unidirectional eastbound.
△ SERCE 413438N-0271833E	113	37.6	FL285 FL175	↓		
△ TIRER 410811N-0282303E		55.2				
▲ ISTANBUL VOR (IST) 405741N-0284838E		22.0	FL285 FL115			
△ VATCA 405851N-0293857E	083	38.1				
△ VATCA 405851N-0293857E						
▲ ERKAL 405912N-0295847E	083	15.0	FL285 FL145	↓		
▲ NUMSO 405522N-0302043E	098	17.0				
▲ ERSEN 405156N-0303958E		15.0				
▲ GUMRU 413256N-0312058E	<u>032</u> 213	51.4				↓

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T304 (RNAV 5)						
△ EVPIM 415342N-0322200E	272	5.8	<u>FL285</u> FL195		<div>↓</div>	- Unidirectional westbound.
△ LUUPU 415434N-0321418E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T305 (RNAV 5)						
▲ ERVAG 390355N-0301058E						- Unidirectional eastbound.
▲ TEKDO 382020N-0300924E	176	43.5	<u>FL285</u> FL195	↓		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T306 (RNAV 5)						
▲ SIIRT VOR (SRT) 375438N-0415255E						
▲ ABDIK 374118N-0415719E						
▲ SIRNAK VOR (RNA) 372154N-0420341E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T308 (RNAV 5)						
▲ BINGOL VOR (BNG) 385120N-0403603E						
▲ ROTKU 384735N-0395741E	<u>256</u> 076	30.2	<u>FL285</u> FL135	▲ ↑	▼ ↓	
▲ ELAZIG VOR (EVS) 384229N-0391326E		35.3				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T309 (RNAV 5)						
▲ BINGOL VOR (BNG) 385120N-0403603E						
▲ ADNOS 391906N-0405111E	<u>018</u> 198	30.1	<u>FL285</u> FL125	↓		
▲ ERZURUM VOR (ERZ) 395724N-0411225E		41.6				
▲ VIRAN 400707N-0414210E	<u>061</u> 243	24.8	<u>FL285</u> FL135		↑	
▲ RAHMA 402224N-0423029E		40.1				
▲ NIVLA 402744N-0424746E		14.2				
▲ KARS VOR (KAR) 403324N-0430614E		15.2				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T310 (RNAV 5)						
▲ NUGBA 413528N-0304027E	250	21.4	FL285 FL115		↑	- Unidirectional westbound BTN GAKSU and NUGBA - Unidirectional eastbound BTN GAKSU and SIN VOR
△ VEMAG 414044N-0310809E						
▲ NAPIP 414824N-0314420E	249	28.1				
△ LUUPU 415434N-0321418E		23.2				
▲ ADUMU 420417N-0330440E	250	38.8				
▲ GAKSU 421121N-0334851E	252	33.6	FL285 FL055	↓		
▲ OTKOT 420641N-0342558E	093	28.0				
▲ ATNOP 420308N-0345130E		19.3				
▲ SINOP VOR (SIN) 420123N-0350434E		9.9				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
T315 (RNAV 5)							
▲ NUGBA 413528N-0304027E							
▲ GUMRU 413256N-0312058E	<u>087</u> 267	30.5	<u>FL285</u> FL125	↓			↑
▲ CAYCUMA VOR (CAY) 413050N-0320240E	<u>088</u> 268	31.4					
▲ HAKAN 414324N-0321754E	<u>035</u> 216	17.0	<u>FL285</u> FL065				


Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T329 (RNAV 5)						
▲ AZBUL						- Unidirectional westbound.
392256N-0332143E	305	59.5	<u>FL285</u> FL195		↓	
▲ NEGBU						
400051N-0322218E	279	75.7				
▲ TOKER						
401848N-0304620E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T331 (RNAV 5)						
▲ YAVUZ 400240N-0422600E						
▲ ASKAZ 400729N-0425220E						
▲ ETISI 401201N-0431744E						
	072 252	20.8	FL285 FL125	↓	↑	
		20.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T332 (RNAV 5)						
▲ BEYAZ 383018N-0424717E	184 004	24.2	FL285 FL135	▲ ↑	▼ ↓	
▲ ERPIM 380625N-0424232E		15.0				
▲ OTKEP 375133N-0423936E	356	16.2		▲ ↑		
▲ EFFEZ 373518N-0423919E		20.4				
▲ KABAN (FIR BDRY) 371456N-0423859E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T333 (RNAV 5)						
▲ BEYAZ 383018N-0424717E						
△ LIVDO 381541N-0422450E						
△ EMBAG 380736N0421231E	226 046	22.9	FL285 FL125		↓	
▲ SIIRT VOR (SRT) 375438N-0415255E		12.6	FL285 FL145			
△ ESOTA 374612N-0414621E	226 045	20.2		↑		
▲ LESRI (FIR BDRY) 370420N-0411349E		9.9				
	207 027	49.2	FL285 FL235			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T336 (RNAV 5)						
▲ ANTALYA VOR (AYT) 365514N-0304740E						
▲ ATSUB 363505N-0313721E	<u>112</u> 292	44.7	<u>FL285</u> FL075		↓	
△ EVKOR 362544N-0320000E	<u>113</u> 293	20.5			↓	
▲ GAZİPASA NDB (GZP) 361815N-0321751E		16.2		↑		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T337 (RNAV 5)						
▲ EKSEN 375326N-0304013E	020	15.8	FL285 FL195			- Unidirectional westbound
▲ EKNUD 380745N-0304837E		23.3				- When there are military activities affecting AWY T337 traffic will be vectored to AWY M855 by ATC.
▲ OSVEL 382855N-0310107E						
▲ AFYON VOR (KFK) 384814N-0303248E	307	29.4				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T338 (RNAV 5)						
▲ RORMU 392736N-0300728E	106	9.8	FL285 FL125	↓		- Unidirectional eastbound
▲ EDASA 392736N-0300728E						- When there are military activities affecting AWY T338 traffic will be vectored to AWY T35 or AWY A16 by ATC

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T339 (RNAV 5)						
▲ GAZİPASA NDB (GZP) 361815N-0321751E	049 230	21.1	FL285 9500 FT MSL		↓	
▲ ELROP 363022N-0323912E		37.5	FL285 FL125			
▲ MUT VOR (MUT) 365146N-0331730E						
△ ERGEP 372638N-0335745E	037 218	47.4		↑		
△ SELVI 375356N-0342958E		37.4				
▲ ERCIS 381613N-0345637E		30.6		↓		
△ TEVDA 382222N-0350400E		8.5				
△ ERHAN 383126N-0351344E		11.9				
△ TIRMA 385632N-0354554E		35.5				
▲ GEMEREK VOR (GEM) 390914N-0360143E		17.7				
▲ ADVOK 393013N-0363004E	040 220	30.4	FL285 FL105	↑		
▲ SIVAS VOR (SIV) 394722N-0365336E		25.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T341 (RNAV 5)						
▲ ERKAL 405912N-0295847E						CTP NDB - BAG unidirectional eastbound.
▲ CENGİZ TOPEL NDB (CTP) 404415N-0300417E	<u>156</u> 336	15.5	<u>FL285</u> 7000'MSL	↓	↑	
▲ ASMAP 403753N-0304241E	097	29.9	<u>FL285</u> FL115	↓		
▲ VEVUD 402251N-0311320E	117	27.8				
▲ ODRUP 401600N-0315458E	097	32.6				
▲ BAGLUM VOR (BAG) 400412N-0324836E	100	42.8				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T342 (RNAV 5)						
▲ PIMAV						
▲ 402402N-0295713E						
CENGİZ TOPEL NDB (CTP)	013 193	21.2	FL285 7000 FT MSL	▲ ↑	▼ ↓	
404415N-0300417E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T350 (RNAV 5)						
▲ EDREMIT VOR (EDR) 393303N-0270018E	103 283	10.6	FL285 6500 FT AMSL	↓	↑	- DUGLA-NEXAM segment: 01 Apr-01 Nov 03:30-18:00 UTC and 02 Nov-31 Mar 04:30-17:30 UTC except weekends and public holidays stated on page GEN 2.1, MNM FL 250. In case of night training military flights, MNM FL 250 - DUGLA-NEXAM-KAVAK segment unidirectional eastbound
▲ DUGLA 392956N-0271328E						
▲ NEXAM 373001N-0283807E	146	137.0	FL285 FL125	↓		
▲ KAVAK 371226NN-0284358E		9.8	FL285 FL095			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T363 (RNAV 5)						
▲ LATGA	<div>099</div> <div>43.7</div> <div>FL285 FL145</div> <div>↓</div>					- Unidirectional eastbound.
401953N-0320532E						
▲ ESENBOGA VOR (ESB)						
400848N-0330045E						
▲ GURBU	082	37.7				
401006N-0334958E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T364 (RNAV 5)						
▲ ESENBAGA VOR (ESB) 400848N-0330045E	05536.4FL285FL095↓					- Unidirectional eastbound.
▲ ILHAN 402638N-0334213E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T366 (RNAV 5)						
▲ BONAM (FIR BDRY) 380256N-0441759E					↓	- Unidirectional westbound. - BTN VAN/SONAD segment will only be available BTN 01 APR/01 NOV from 1730 UTC to 0230 UTC and BTN 02 NOV/31 MAR from 1700 UTC to 0430 UTC and at weekends, public holidays stated on page GEN 2.1
▲ VAN VOR (VAN) 382758N-0431930E	294	52.4				
△ TURNA 393331N-0412128E	301	112.9				
△ DAMAT 395722N-0403953E		40.0				
△ SONAD 402505N-0394035E	296	53.2				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T367 (RNAV 5)						
▲ BONAM (FIR BDRY) 380256N-0441759E						- Unidirectional westbound. - VAN/LANVO segment will only be available BTN 01 APR/01 NOV 1730-0230 UTC, 02 NOV/31MAR 1700-0430 UTC and at weekends, public holidays stated on page GEN 2.1
▲ VAN VOR (VAN) 382758N-0431930E	294	52.4	FL285 FL195		↓	
▲ BOZLO 385506N-0420844E	291	61.7				
△ OTLUG 390913N-0413044E		32.8				
△ ULREP 392254N-0405316E	290	32.1				
△ REKVO 393117N-0402954E	289	20.0				
△ SOMBU 393601N-0401637E		11.3				
△ ESEPO 395107N-0393330E		36.5				
△ LANVO 395637N-0391731E		13.5				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
T368 (RNAV 5)									
▲ ELAZIG VOR (EZS) 384229N-0391326E	<div>↓</div>					- BONAM-VAN segment: unidirectional westbound			
▲ PALUT 384138N-0393200E							<u>087</u> 267	14.5	<u>FL285</u> FL165
△ UMLEN 383942N-0401300E							<u>089</u> 269	32.1	
△ NAREN 383750N-0404930E								28.6	
△ BAYIR 383541N-0412414E							<u>090</u> 270	27.3	
▲ TUMKU 383304N-0420622E	<u>089</u> 270	33.1	<u>FL285</u> FL125						
▲ BEYAZ 383018N-0424717E	<u>090</u> 270	32.2							
▲ VAN VOR (VAN) 382758N-0431930E	<u>090</u> 271	25.4							
▲ ZELSU 381556N-0434659E	294	24.7	<u>FL285</u> FL145	<div>↑</div>					
▲ BONAM (FIR BDRY) 380256N-0441759E		27.7							

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
T380 (RNAV 5)									
▲ VICEN 403957N-0301803E	<div>↓</div>					- Unidirectional eastbound.			
▲ ASMAP 403753N-0304241E							090	18.9	FL285 FL115
▲ TOKER 401848N-0304620E							167	19.3	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T409 (RNAV 5)						
▲ SULTA 400244N-0294423E						SULTA - NUMTI - Unidirectional westbound. NUMTI - KARGI - Unidirectional eastbound.
▲ ROXUK 395325N-0294307E						
▲ NUMTI 393828N-0293127E	181	9.4	FL285 FL125		↓	
▲ KARGI 392545N-0300316E	206	17.4				
	112	27.7			↓	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address				
				Odd	Even					
1	2	3	4	5		6				
T422 (1) (RNAV 5)										
▲ CAYCUMA VOR (CAY) 413050N-0320240E	<div>FL285 FL115</div>					(1) Only available for traffic to / from LTAS (2) Segment between LEGMU - EVGEG unidirectional westbound				
▲ NAPIP 414824N-0314420E							315 135	22.3	↑	↓
▲ LEGMU 415651N-0313521E								10.8		
△ ODMAX 420717N-0312411E							314	13.3		
▲ EVGEG 422726N-0310627E							320	24.1		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T470 (RNAV 5)						
▲ GAZIANTEP VOR (GAZ) 365705N-0372822E	<u>076</u> 256	14.2	<u>FL285</u> FL095	↓		- Caution: Turkish-Syria border is approximately 6 KM south of the ATS route
▲ NIZIP 365905N-0374600E		37.5				
▲ SURUC 370348N-0383224E		14.8				
▲ ARTAR 370538N-0385041E	<u>049</u> 229	15.1		↑		
▲ OZBEY 371431N-0390600E		65.1				
▲ DIYARBAKIR VOR (DYB) 375225N-0401230E						

Route designator Name of significant points Coordinates	Track MAG	DIST NM	Upper limits Lower limits or Minimum Altitude	Direction of cruising levels		Remarks Controlling Unit Channel				
				Odd	Even					
1	2	3	4	5		6				
T471 (RNAV 5)										
▲ MARDIN VOR (MRD) 371339N-0403820E										
▲ GOFCA 371130N-0400708E							259 079	25.0	FL285 FL085	↑ ↓
▲ ARTAR 370538N-0385041E								61.2	FL285 FL165	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T472 (RNAV 5)						
▲ GAP VOR 372729N-0385417E						
▲ ARTAR 370538N-0385041E	<u>183</u> 003	22.1	<u>FL285</u> 7000 FT MSL	▲	▼	


Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T476 (RNAV 5)						
▲ KEKIK						- Unidirectional westbound
370443N-0282204E						
△ YOYYO						
371706N-0273424E	283	40.0	FL285 FL135		↓	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T489 (RNAV 5)						
▲ IZMIR VOR (IMR) 381902N-0270026E	119 299	44.3	FL285 FL145	↓		- Flights departing any aerodrome within Izmir TMA destined to Dalaman Airport are not authorized to fly via this route.
▲ SISVO 375344N-0274635E		42.2				
▲ SONUP 372923N-0283000E		13.7				
△ KAVAK 372126N-0284358E	101 281	25.5	FL285 FL105			
▲ SUNAT 371507N-0291459E		7.5				
▲ AKIMO 371314N-0292404E		11.8	FL285 FL145			
▲ EVBOL 371016N-0293818E	14.1					
▲ LAMSA 370639N-0295522E	43.3					
▲ ANTALYA VOR (AYT) 365514N-0304740E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T491 (RNAV 5)						
△ ODNOD 381555N-0274841E	139	56.9	FL285 FL165	↓		- Unidirectional eastbound
▲ SONUP 372923N-0283000E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
T495 (RNAV 5)							
△ TUMER 383956N-0292813E					The segment BTN TUMER - KAVAK is unidirectional eastbound		
△ LAVTA 374318N-0284212E	207	67.2	FL285 FL235	↓			
▲ ATSAL 373001N-0284308E	171	13.3	FL285 FL115				
▲ KAVAK 372126N-0284358E		8.6					
▲ ARMAM 371422N-0282817E	237 057	14.4	FL285 7500 FT MSL	↓			
△ NEPNO 370905N-0281640E		10.7					
▲ CENGO 370356N-0280528E		10.3					
▲ MILAS VOR (BDR) 371528N-0273816E	292 112	24.6	↑				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T615 (RNAV 5)						
▲ SISPI 395453N-0295212E						- Unidirectional westbound
▲ SULTA 400244N-0294423E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T641 (RNAV 5)						
▲ TIRER 410811N-0282303E						- Unidirectional eastbound.
▲ EKAWE 420152N-0300723E	049	94.9	<u>FL285</u> FL115			
▲ OSMEV 415952N-0303418E	089	20.2				
△ ERMUP 420002N-0310122E	084	20.2				
△ GIPDA 421449N-0321218E	069	54.8				
△ ABSAX 422001N-0323501E	067	17.6				
▲ BIMVO 422722N-0330755E	068	25.5				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address		
				Odd	Even			
1	2	3	4	5		6		
T643 (RNAV 5)								
▲ GAKSU 421121N-0334851E	<div>▲ ↑</div>					- Unidirectional eastbound.		
△ OLDUD 420958N-0323643E							082	53.6
△ GIVEV 420522N-0321639E							067	15.6
△ MODAU 420033N-0315309E							068	18.1
▲ LEGMU 415651N-0313521E								13.8
▲ YAHAV 415024N-0310454E								23.6
▲ ATPIX 414512N-0303725E							070	21.2
▲ EKAWE 420152N-0300723E							120	27.9

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T680 (RNAV 5)						
▲ RORMU	<div></div>					- Unidirectional eastbound
393112N-0295537E						
▲ KARGI						
392545N-0300316E	127	8.0	FL285 FL125	<div></div>		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
T888 (RNAV 5)						
▲ CARSAMBA VOR (CRM) 411556N-0363256E						
▲ ALMUS 404627N-0363956E	165 344	30.0	FL285 FL115	↓		
△ ERVAK 403043N-0364337E		16.0	FL285 8500 FT MSL			
▲ SOPOV 401201N-0364757E		19.0	FL285 FL115			
▲ SIVAS VOR (SIV) 394722N-0365336E		25.0		↑		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
Y213 (RNAV 5)									
△ OLDOK 401452N-0265302E	<div>↓</div>					- Unidirectional eastbound			
△ ASNUT 401342N-0270029E							096	5.8	<u>FL285</u> FL065
▲ INBET 401111N-0271630E								12.5	<u>FL285</u> FL075
▲ VUTZO 401157N-0273043E							081	10.9	<u>FL285</u> FL105

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
Y217 (RNAV 5)						
▲ SUVUP 400943N-0264831E	081	21.5	<u>FL285</u> FL085	↓		- Unidirectional eastbound
▲ INBET 401111N-0271630E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
Y226 (RNAV 5)						
▲ IVGUS 403408N-0273440E	205	19.6	<u>FL285</u> FL115		↓	- Unidirectional westbound
▲ BIGA VOR (BIG) 401703N-0272155E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
Y227 (RNAV 5)						
▲ IVGUS 403408N-0273440E	195	37.2	FL285 FL105		↓	- Unidirectional westbound
▲ RAUMA 395902N-0271833E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
Y228 (RNAV 5)						
▲ IVGUS 403408N-0273440E	159	10.0	FL285 FL125	↓		- Unidirectional eastbound
▲ NILRU 402429N-0273815E		34.1				
▲ ALEDA 395139N-0275022E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
Y229 (RNAV 5) (1)						
▲ IVGUS	<div></div>					(1) IVGUS-YAYLA segment can only be used 1900-0400 UTC and at weekends, public holidays stated on page GEN 2.1. - Unidirectional eastbound
403408N-0273440E						
▲ YAYLA						
395156N-0275943E	150	46.3	FL285 FL105	<div></div>		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
Y255 (RNAV 5)						
▲ MARMA 403138N-0273856E	218	19.5	FL285 FL115		↓	- Unidirectional westbound
▲ BIGA VOR (BIG) 401703N-0272155E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address		
				Odd	Even			
1	2	3	4	5		6		
Y371 (RNAV 5)								
<div>△</div> DUGLA 392956N-0271328E	<div>192 012</div>			<div>↑</div> <div>↓</div>				
<div>△</div> ECZIM 394329N-0271859E							14.2	<div>FL285</div> <div>FL105</div>
<div>△</div> KUZEP 395529N-0272355E							12.6	<div>FL285</div> <div>6500FT AMSL</div>
<div>▲</div> VUTZO 401157N-0273043E							17.3	<div>FL285</div> <div>FL105</div>
<div>△</div> MARMA 403138N-0273856E							20.6	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
Y372 (1, 2) (RNAV 5)						
△ MARMA 403138N-0273856E	179 359	7.2	FL285 FL105	↓		(1) MARMA-OKESA segment can only be used 1900-0400 UTC and at weekends, public holidays stated on page GEN 2.1. (2) Times other than those stated in remark (1) MARMA-OKESA segment can only be used by Tactical Civil Military Coordination.
△ NILRU 402429N-0273815E		34.4				
△ NEVGI 395007N-0273503E		87.2				
△ LASON 382305N-0272710E		45.4				
△ OKESA 373745N-0272311E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
Y520 (RNAV 5)						
▲ AFGAR						- Unidirectional westbound
412701N-0274825E ▲ VADEN (FIR BDRY)	319	45.4	FL285 FL115		↓	
420356N-0271258E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
Z713 (RNAV 5)							
▲ PIROX (FIR BDRY) 362900N-0280300E	201	27.4	FL285 FL125	↑		- For PIROX: REF ENR 2.1-1 İstanbul FIR remarks column note (3). - MARIS-PIROX segment is unidirectional eastbound	
△ MARIS							
365356N-0281658E	339 159	22.1		↓		- ULKAN-DUGLA segment will only be available BTN 01 APR-01 NOV 0230- 1730 UTC 02 NOV-31 MAR 0430- 1700 UTC except weekends and public holidays stated on page GEN 2.1 MNM FL240	
△ BATUK							
371500N-0280848E		3.3					
△ ULKAN		46.0					
371809N-0280733E		92.6					
△ KUMAN							
380154N-0274958E	352	29.1		↑		-DUGLA - INBET segment unidirectional eastbound	
▲ DUGLA							
392956N-0271328E	012	12.7	FL285 FL195	↓			
▲ BIMDU							
395903N-0271131E							
▲ INBET							
401111N-0271630E							

ENR 3.4 UPPER RNAV ROUTE

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL21 (RNAV 5)						
▲ IZERO (FIR BDRY) 413921N-0410632E	<div>254</div> <div>21.7</div> <div>23.0</div> <div>221</div> <div>29.2</div> <div>FL660 FL285</div> <div>↓</div>					- Unidirectional westbound.
△ ATCEF 413538N-0403801E						
▲ OTOJE 411951N-0401544E						
▲ TRABZON VOR (TBN) 405943N-0394744E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL124 (RNAV 5)						
△ ERGUN 404447N-0344420E	102	135.8	FL660 FL285	↓		- ERGUN-VAN segment: unidirectional eastbound
△ ASVOD 400456N-0373422E						
△ KONUK 393042N-0392805E	107	94.1				
△ EVSAS 391929N-0401119E						
▲ VAN VOR (VAN) 382758N-0431930E	104	35.3 155.7				
▲ ZELSU 381556N-0434659E			114 294	24.7 27.7	↓	
▲ BONAM (FIR BDRY) 380256N-0441759E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL223 (RNAV 5)						
▲ AGRI VOR (ARI) 393845N-0430138E	<div></div>					- Unidirectional eastbound.
▲ DASIS (FIR BDRY) 385431N-0441229E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address		
				Odd	Even			
1	2	3	4	5		6		
UL333 (RNAV 5)								
▲ BEYKOZ VOR (BKZ) 410737N-0290834E						<div>- BAG - DASIS segment: Not available for domestic traffic (DEP/DEST BTN Turkish Airports)</div> <div>- DASIS - LATGA segment: Bidirectional</div> <div>- BEYKOZ - LATGA segment unidirectional eastbound.</div>		
▲ VATCA 405851N-0293857E	105	24.6	FL660 FL285	<div>↓</div>	<div></div>			
△ ABJUM 405444N-0295140E	108	10.5						
▲ ASMAP 403753N-0304241E		42.3						
▲ RIPNU 403131N-0311237E	101	23.7						
▲ EVLIG 402758N-0312859E	102	13.0						
▲ ABISI 402146N-0315709E		22.4						
▲ LATGA 401953N-0320532E		6.7						
▲ BAGLUM VOR (BAG) 400412N-0324836E	<div>111</div> <div>291</div>	36.5					<div>↓</div>	<div></div>
△ ELDEN 395435N-0352545E	<div>090</div> <div>270</div>	120.9						
▲ SIVAS VOR (SIV) 394722N-0365336E		67.9						
△ ELNEM 394524N-0381153E	<div>085</div> <div>267</div>	60.3						
△ EBEDI 394330N-0390725E		42.8						
▲ ERZINCAN VOR (ERN) 394230N-0393145E		18.8						
△ GELSU 393330N-0403325E	<div>097</div> <div>279</div>	48.4						
△ NEGOL 392835N-0410445E		24.7						
△ LATSU 392515N-0412450E		15.9						
△ DORUK 391645N-0421107E		36.8						
▲ DASIS (FIR BDRY) 385431N-0441229E		96.9					<div>↑</div>	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL601 (RNAV 5)						
▲ ARTAT (FIR BDRY) 422150N-0293727E	133	59.6	FL660 FL285	↓		- Unidirectional eastbound.
△ NELNI 413703N-0303009E		15.1				
△ AKCAK 412544N-0304329E		18.2				
△ TUNCA 411359N-0310152E	13.2					
△ IVNAP 410527N-0311512E	56.8					
△ SALGO 402826N-0321158E	37.1					
▲ BAGLUM VOR (BAG) 400412N-0324836E	39.2					
△ EPHIK 393059N-0331540E	5.6					
▲ BAKIR 392616N-0331928E	3.8					
△ AZBUL 392256N-0332143E	60.4					
△ URGUP 383116N-0340148E	43.4					
▲ SELVI 375356N-0342958E	20.9					
▲ KEMER 373603N-0344333E	45.9					
▲ ADANA VOR (ADA) 365626N-0351237E	144	74.9				
▲ TUNLA (FIR BDRY) 355300N-0360200E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL602 (RNAV 5)						
▲ GAZIANTEP VOR (GAZ) 365705N-0372822E	309	26.1	FL660 FL285		↓	- Unidirectional westbound.
▲ INLEV 371534N-0370517E		36.3				
▲ ADSEP 374109N-0363253E		17.6				
▲ SULAK 375339N-0361712E		204.7				
▲ CUBUK VOR (BUK) 401431N-0330618E		50.4				
▲ DEREL 404250N-0321136E	301	79.2				
△ AKCAK 412544N-0304329E		83.7				
▲ MAKOL (FIR BDRY) 421014N-0290834E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UL605 (RNAV 5)							
▲ RIXEN (FIR BDRY) 420456N-0284558E	117	119.7	FL660 FL285	↓		- RIXEN - YAVRU segment: unidirectional eastbound.	
▲ NAMAN 405956N-0305958E		45.4					
▲ YAVRU 403456N-0314958E							
▲ KIZIK 402506N-0320858E	117 298	17.5			↓		
▲ BAGLUM VOR (BAG) 400412N-0324836E		36.8					
▲ YUCEL 393444N-0333507E	125 307	46.4					
△ AVCES 393312N-0333736E		2.5					
▲ BALAX 392727N-0334651E		9.2					
▲ BADOX 391955N-0335831E		11.8					
▲ BELSU 390751N-0341711E		18.9					
▲ KISLA 390636N-0342000E		2.5					
▲ ERHAN 383126N-0351344E		54.7					
▲ SOLSA 380844N-0354644E		34.5					
▲ RATSI 375014N-0361313E		27.9					
▲ NEKAT 374437N-0362113E		8.5					
▲ REMPO 373936N-0362820E	14.2	↑					
▲ POGEN 373011N-0364137E							

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL605 (Continued)(RNAV 5)						
▲ POGEN 373011N-0364137E	<u>125</u> 307	22.2	<u>FL660</u> FL285	↓	↑	
▲ ASBOM 371532N-0370229E		12.7				
▲ BOYAT 370715N-0371436E		15.1				
▲ GAZIANTEP VOR (GAZ) 365705N-0372822E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL606 (RNAV 5)						
▲ ADORU (FIR BDRY) 415218N-0263406E	141	30.1	FL660 FL285	↓		- Unidirectional eastbound.
▲ ATVEP 412744N-0265713E		18.4				
▲ ULMAR 411240N-0271113E		19.0				
▲ TEKIRDAG VOR (EKI) 405703N-0272534E	146	69.9				
▲ LUTFU 395622N-0281100E		58.5				
▲ SONLU 390459N-0284759E		31.0				
▲ NESET 383753N-0290711E		57.6				
▲ CARDAK VOR (CRD) 374723N-0294215E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL610 (RNAV 5)						
▲ VAPEK 372200N-0314140	298	58.0	FL660 FL285		<div>↓</div>	- Unidirectional westbound.
▲ EKSEN 375326N-0304013E		22.4				
▲ EKMIM 381405N-0302854E	19.4					
▲ UPKUL 383154N-0301903E	4.6					
▲ EMKUD 383610N-0301641E	20.1					
▲ OSGED 385434N-0300625E	8.5					
▲ PESOX 390224N-0300200E	6.2					
▲ SIVKU 390805N-0295848E	15.2					
△ APSER 392202N-0295054E	13.9					
▲ ETAMP 393447N-0294344E	21.6					
▲ EMGIM 395434N-0293232E	37.2					
▲ YALOVA VOR (YAA) 402830N-0291227E	324	34.3				
△ FENER 405741N-0284838E	309	28.3				
▲ VADEN (FIR BDRY) 420356N-0271258E		69.4				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL614 (RNAV 5)						
▲ ADORU (FIR BDRY) 415218N-0263406E						- ADORU - YAA VOR segment: unidirectional eastbound.
▲ ENESU 412831N-0271950E	121	41.7	FL660 FL285	↓		
▲ CORLU VOR (CRL) 410902N-0275606E		33.5				
▲ YALOVA VOR (YAA) 402830N-0291227E	120	70.7				
▲ EKDAM 402605N-0293702E	093 276	18.9		↓		
▲ PIMAV 402402N-0295713E		15.5				
▲ TOKER 401848N-0304620E		37.8				
▲ YAMAN 401423N-0312526E		30.2				
▲ UMRUN 401110N-0315241E		21.1				
▲ PETAR 401016N-0320453E		9.4				
▲ BAGLUM VOR (BAG) 400412N-0324836E		34.0				
▲ KUBER 394956N-0333638E	105 285	39.5				
▲ GOBIT 394634N-0335313E		13.2				
△ JUPNE 393742N-0342422E		25.6				
▲ MARTI 392406N-0351058E		38.5				
▲ GEMEREK VOR (GEM) 390914N-0360143E	095 275	42.0				
▲ BULUT 384522N-0385408E		136.3				
▲ ELAZIG VOR (EZS) 384229N-0391326E		15.4				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL614 (Continued)(RNAV 5)						
▲ ELAZIG VOR (EZS) 384229N-0391326E						
△ SORAR 383727N-0393045E	104 287	14.4	FL660 FL285	↓		
△ TAMER 381426N-0404859E		65.5				
△ ULSAB 380833N-0410753E		16.0				
▲ ABKAL 380110N-0413155E		20.4				
▲ SIIRT VOR (SRT) 375438N-0415255E		17.8				
▲ VAKUL 375339N-0420830E	090 270	12.4		↑		
△ OTKEP 375133N-0423936E		24.7				
△ NARLI 374856N-0431459E		28.1				
△ DERIL 374404N-0442454E		55.5				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address					
				Odd	Even						
1	2	3	4	5		6					
UL615 (RNAV 5)											
▲ VAN VOR (VAN) 382758N-0431930E	<u>308</u> 127	24.7	<u>FL660</u> FL285		↓						
▲ ESENK 384441N-0425617E		47.6									
△ DORUK 391645N-0421107E		19.1									
△ GOKSU 392934N-0415247E		16.9									
▲ SUSUZ 394051N-0413630E		24.9									
▲ ERZURUM VOR (ERZ) 395724N-0411225E	<u>264</u> 083	25.0									
▲ DAMAT 395722N-0403953E		34.5									
△ ARKIN 395705N-0395500E		15.6									
△ ORHAN 395651N-0393440E		21.9									
△ INTAB 395626N-0390607E		9.9									
△ VABEL VOR (EZN) 395613N-0385313E	<u>259</u> 078	42.2									
△ UTURI 395225N-0375829E		25.2									
△ OTSOV 394958N-0372553E		25.0									
▲ SIVAS VOR (SIV) 394722N-0365336E	<u>275</u> 095	25.0									
▲ OLPOT 395140N-0362138E											

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL615 (Continued)(RNAV 5)						
▲ OLPOT						- BEYKOZ-VADEN segment: unidirectional westbound.
395140N-0362138E	<u>274</u> 093	4.0	FL660 FL285		↓	
△ ENFOR		15.9				
395226N-0361629E						
△ HAKCE						
395507N-0355609E	26.9					
△ TIMOP						
395931N-0352140E						
△ BENTA	65.4					
400905N-0335721E						
▲ GURBU						
401006N-0334958E	<u>273</u> 093	5.7				
▲ CUBUK VOR (BUK)		33.7				
401431N-0330618E						
▲ SALGO	<u>286</u> 106					
402826N-0321158E						
▲ YAVRU						
403456N-0314958E	<u>283</u> 103	27.9				
▲ ATGOB						
404331N-0311503E						
△ ERSEN		27.9				
405156N-0303958E						
▲ NUMSO						
405522N-0302043E						
▲ ERKAL	<u>278</u> 098	17.0				
405912N-0295847E						
▲ GAYEM						
410245N-0293748E						
▲ BEYKOZ VOR (BKZ)		22.6				
410737N-0290834E						
▲ DIGBO						
412937N-0282416E						
▲ VADEN (FIR BDRY)	298	40.0				
420356N-0271258E		63.3				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6

UL619 (RNAV 5)						
▲ VESAR (FIR BDRY) (2) 355456N-0340058E	322	24.3	FL660 FL285		↓	- Unidirectional westbound. (1) Ref AIP TRNC ENR 3.3 (2) All aircraft to enter Turkish Airspace via VESAR entry/exit point, until they arrive the subject point, shall contact to Ankara ACC through 127.85, 128.75, 130.4, 124.075 MHZ or the emergency channels not less than 10NM to VESAR entry/exit point. Any aircraft not contact to Ankara ACC until reaching to the VESAR entry/exit point shall not be permitted to enter Turkish Airspace.
▲ EVKIT 361540N-0334516E		42.5				
▲ MUT VOR (MUT) (1) 365146N-0331730E	307	109.9				
▲ OKLAM 380527N-0313458E		35.5				
▲ OSVEL 382855N-0310107E	335	68.4				
▲ RAVGO 393249N-0303003E	331	109.0				
▲ YASEN 411156N-0293058E	340	60.7				
▲ MAKOL (FIR BDRY) 421014N-0290834E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL620 (RNAV 5)						
▲ RIXEN (FIR BDRY)						(1) Ref AIP TRNC ENR 3.3
420456N-0284558E	173	12.7	FL660 FL285	↓		(2) All aircraft to enter Turkish Airspace via VESAR entry/exit point, until they arrive the subject point, shall contact to Ankara ACC through 127.85, 128.75, 130.4, 124.075 MHZ or the emergency channels not less than 10NM to VESAR entry/exit point. Any aircraft not contact to Ankara ACC until reaching to the VESAR entry/exit point shall not be permitted to enter Turkish Airspace. RIXEN - IST segment - Unidirectional eastbound. - AFYON VOR (KFK)-ISTANBUL VOR (IST) segment Unidirectional westbound.
▲ GINLI		7.5				
415216N-0284628E						
▲ TETSA						
414446N-0284645E						
▲ UNSAV	16.1					
412842N-0284723E	15.0					
△ FATIH						
411341N-0284758E						
▲ ISTANBUL VOR (IST)	16.0					
405741N-0284838E	324	34.4	FL660 FL285			
▲ YALOVA VOR (YAA)						
402830N-0291227E	331	37.2				
▲ EMGIM						
395434N-0293232E						
▲ ETAMP	21.6					
393447N-0294344E	13.9					
▲ APSER						
392202N-0295054E						
▲ OSGED	29.9					
385434N-0300625E		282	21.6			
▲ AFYON VOR (KFK)						
384814N-0303248E	29.4					
△ OSVEL						
382855N-0310107E		33				
△ HISAR						
380656N-0313228E	2.5					
▲ OKLAM						
380527N-0313458E		109.9				
▲ MUT VOR (MUT) (1)						
365146N-0331730E	42.5					
▲ EVKIT						
361540N-0334516E		24.3				
▲ VESAR (FIR BDRY) (2)						
355456N-0340058E						


Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL621 (RNAV 5)						
▲ MUT VOR (MUT) 365146N-0331730E	352	69.2	FL660 FL285		↓	- Unidirectional westbound.
▲ BUMOM 380052N-0331347E		133.9				
▲ CUBUK VOR (BUK) 401431N-0330618E		71.4				
△ LETBU 410757N-0320409E	32.7					
▲ EVLAP 413215N-0313509E	3.7					
△ ULVEX 413459N-0313152E	14.9					
△ UNSUL 414600N-0311831E	19.0					
△ ERMUP 420002N-0310122E	23.4					
▲ ODERO (FIR BDRY) 421714N-0304008E	26.4					
423638N-0301552E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL718 (RNAV 5)						
▲ KABAN (FIR BDRY) 371456N-0423859E	302	52.2	FL660 FL285		↓	
△ ESOTA 374612N-0414621E		37.7				
△ ULSAB 380833N-0410753E						
△ EKMIN 381703N-0405304E	14.4					
△ ASPUL 383306N-0402446E	301	27.4				
△ UMLEN 383942N-0401300E		11.3				
△ NULRU 385844N-0393842E		32.8				
△ ETESU 390817N-0392116E		16.6				
△ ELNEM 394524N-0381153E	299	65.3				
△ UTURI 395225N-0375829E						
△ ASVOD 400456N-0373422E	298	12.5				
△ ERVAK 403043N-0364337E		22.4				
△ ORVOR 410121N-0354125E	297	46.6				
△ UVULU 413413N-0343211E		56.3				
▲ INEBOLU VOR (INB) 415705N-0334222E		61.6				
		43.7				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL742 (RNAV 5)						
▲ RIXEN (FIR BDRY) 420456N-0284558E	136	64.1	FL660 FL285	↓		- Unidirectional eastbound.
△ EVTAD 411452N-0293924E						
△ ABJUM 405444N-0295140E	150	22.2				
△ EKMEL 402236N-0301058E		35.3				
△ OTPOM 393440N-0303912E		52.6				
▲ REDNO 385733N-0310050E		40.7				
▲ OKMOT 383038N-0314727E	121	45.3				
▲ REBTA 374112N-0331010E		81.9				
▲ MUT VOR (MUT) 365146N-0331730E	168	49.7				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL746 (RNAV 5)						
▲ DASIS (FIR BDRY) 385431N-0441229E	287	152.8	FL660 FL285		↓	- Unidirectional westbound
▲ ERZURUM VOR (ERZ) 395724N-0411225E						
△ SONAD 402505N-0394035E	284	75.5				
△ BAMLÄ 403825N-0385410E		38.0				
▲ CARSAMBA VOR (CRM) 411556N-0363256E		113.2				
△ GOKPA 414446N-0343541E	283	92.7				
▲ INEBOLU VOR (INB) 415705N-0334222E		41.7				
△ ADUMU 420417N-0330440E	279	29.0				
△ OLDUD 420958N-0323643E	280	21.6				
△ GIPDA 421449N-0321218E		18.8				
▲ ASBEP 421546N-0320726E	279	3.7				
△ EVGEG 422726N-0310627E		46.7				
▲ ODERO (FIR BDRY) 423638N-0301552E		38.5				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL851 (RNAV 5)						
▲ KUGOS (FIR BDRY) 424650N-0340516E						
△ KARDE 415414N-0370243E	<u>106</u> 288	141.7	FL660 FL285	↓		
△ OLUPO 414231N-0373943E	<u>108</u> 289	30.1				
△ TOLUN 412024N-0384724E		55.4				
▲ ERIDU 411255N-0391011E		18.7				
▲ TRABZON VOR (TBN) 405943N-0394744E	<u>110</u> 290	31.3				
▲ BAVTI 403946N-0401517E	<u>129</u> 308	28.9				
▲ NESTU 403537N-0402058E		6.0				
▲ GETKO 402717N-0403218E		12.0				
▲ HOCAM 401445N-0404912E		18.0				
▲ ERZURUM VOR (ERZ) 395724N-0411225E	<u>096</u> 278	25.0				
▲ TAVUS 395211N-0414409E		24.9				
△ INBAT 394209N-0424230E		46				
▲ AGRI VOR (ARI) 393845N-0430138E	<u>107</u> 287	15.1		↑		
▲ AGINA(FIR BDRY) 391924N-0440512E		52.8				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UL852 (RNAV 5)							
▲ TESVA (FIR BDRY) 381709N-0442947E						- Unidirectional westbound.	
△ ESENK 384441N-0425617E	287	78.4					
△ KESIR 391855N-0412705E	292	77.5					
△ GELSU 393330N-0403325E	285	44.1					
△ ESEPO 395107N-0393330E	287	49.5					
△ LANVO 395637N-0391731E	290	13.5					
△ PEVOP 400728N-0384537E	289	26.8					
△ ODALI 401940N-0380900E		30.6					
▲ NELPO 402812N-0374033E	286	23.4	FL660 FL285				
△ APVAS 404551N-0364005E		49.3					
△ USANU 405608N-0360345E	285	29.4					
△ ODPOT 405925N-0355158E		9.5					
△ RUXEV 411549N-0345144E		48.4					
△ EKSUK 412409N-0342014E	284	25.1					
△ UPKAG 412717N-0340807E		9.7					
△ VAXEB 413549N-0333443E		26.5					

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address				
				Odd	Even					
1	2	3	4	5		6				
UL852 (Continued)(RNAV 5)										
△ VAXEB 413549N-0333443E	<div>283</div>					- Unidirectional westbound.				
△ ESOSU 413626N-0333217E							1.9	<div>FL660 FL285</div>	<div></div>	<div>↓</div>
△ TIVUG 414401N-0330152E							24.0			
△ EVPUV 414801N-0324534E							12.8			
△ DEV MU 415221N-0322740E							14.1			
△ EVPIM 415342N-0322200E	4.4									
△ BEDOP 415538N-0321358E	6.3									
△ MODAU 420033N-0315309E	16.3									
△ ODMAX 420717N-0312411E	22.6									
▲ NEGEM (FIR BDRY) 422742N-0295213E	<div>282</div>									
		71.2								

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address		
				Odd	Even			
1	2	3	4	5		6		
UL854 (RNAV 5)								
▲ TEKIRDAG VOR (EKI) 405703N-0272534E	154	27.4	FL660 FL285	↓		- Unidirectional eastbound.		
△ MARMA 403138N-0273856E		42.8				- See NOTAMs related with Jet activities within Balıkesir and Bandırma MTMAs effecting AWY UL854		
△ YAYLA 395156N-0275943E		36.5						
△ KUDAK 391756N-0281636E		16.0						
△ ESKIN 390300N-0282353E		30.2						
▲ BAGLU 383456N-0283758E	129	44.8						
▲ CARDAK VOR (CRD) 380416N-0291931E		24.7						
▲ SALDA 374723N-0294215E	130	19.9						
△ KOZLU 373319N-0300001E		5.0						
▲ BRONZ 372950N-0300428E		18.9						
▲ ANTALYA VOR (AYT) 371611N-0302058E		29.9						
365514N-0304740E								

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UL867 (RNAV 5)						
▲ RILEX (FIR BDRY) 415816N-0264559E						- Unidirectional eastbound.
△ ENESU 412831N-0271950E	134	39.1	<u>FL660</u> FL285	↓		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UM10 (RNAV 5)						
▲ SARPI (FIR BDRY) 413256N-0412659E						- Unidirectional westbound.
△ ATCEF 413538N-0403801E	269	36.8	FL660 FL285		↓	
△ ATVAM 413836N-0393459E		47.4				
△ OLUPO 414231N-0373943E	268	86.5				
△ GOKPA 414446N-0343541E	267	137.8				
△ TIVUG 414401N-0330152E	265	70.2				
▲ HAKAN 414324N-0321754E	264	32.9				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UM11 (RNAV 5)						
▲ CARSAMBA VOR (CRM) 411556N-0363256E	090 272	30.7	FL660 FL285	↓		
▲ TERME 411252N-0371329E		15.0				
▲ OSDUT 411124N-0373316E		2.9				
▲ EMLAD 411113N-0373705E		12.1				
△ ERKOS 410952N-0375302E		17.7				
△ ARSUG 410759N-0381620E		15.2				
▲ IPSAT 410619N-0383621E		4.4				
△ ARLAT 410549N-0384207E		19.9				
▲ TEMEL 410326N-0390814E		30.1				
▲ TRABZON VOR (TBN) 405943N-0394744E		087 269				
▲ EKTES 405907N-0401216E	31.1					
△ DELEL 405754N-0405325E	127.1					
▲ REBLO (FIR BDRY) 405024N-0434106E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UM19 (RNAV 5)						
▲ ADORU (FIR BDRY) 415218N-0263406E	124	29.8	FL660 FL285	↓		Unidirectional eastbound
▲ IBODU 413316N-0270444E						
▲ TEKIRDAG VOR (EKI) 405703N-0272534E	151	39.4				
▲ IVGUS 403408N-0273440E	158	23.9				
△ EFQAT 402106N-0273616E	169	13.1				
△ ADPEW 394229N-0272853E	183	39.0				
▲ OVZOK 392229N-0272508E		20.2				
▲ UNSAL 385953N-0272055E		22.8				
▲ TUFUB 383022N-0272430E	169	29.6				
▲ AFLUH 380955N-0272658E		20.5				
▲ UFQUM 375313N-0272857E		16.8				
▲ OZNEF 374121N-0273303E	159	12.3				
△ ALPUW 373525N-0273505E		6.2				
▲ YUNUS 364235N-0275300E		54.7				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UM603 (RNAV 5)						
▲ GOLDO (FIR BDRY) 405256N-0261458E						GELBU - GOLDO segment -unidirectional westbound.
▲ BARPE 405534N-0265841E						
▲ GELBU 405607N-0270827E						
▲ TEKIRDAG VOR (EKI) 405703N-0272534E						
▲ ISTANBUL VOR (IST) 405741N-0284838E						
▲ BEYKOZ VOR (BKZ) 410737N-0290834E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UM688 (RNAV 5)						
▲ EKSUK 412409N-0342014E						- BTN CRM VOR - RATVO Unidirectional eastbound. - BTN CRM VOR - EKSUK Unidirectional westbound.
▲ CARSAMBA VOR (CRM) 411556N-0363256E	270	100.3	FL660 FL285		▲	
△ GULRA 402247N-0381646E	118	95.0		▼		
△ INTAB 395626N-0390607E	120	46.1				
▲ ERZINCAN VOR (ERN) 394230N-0393145E	121	24.2				
△ EVSAS 391929N-0401119E	122	38.3				
▲ BAYIR 383541N-0412414E		71.7				
△ ULTED 382102N-0414934E		24.7				
△ EMBAG 380736N-0421231E		22.5				
△ OTKEP 375133N-0423936E		26.7				
▲ RATVO (FIR BDRY) 371426N-0435604E	116	71.2				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UM853 (RNAV 5)							
▲ ANTALYA VOR (AYT) 365514N-0304740E	<u>025</u> 205	79.7	<u>FL660</u> FL285	↓		- KUGOS - INB segment is not available for south bound traffic at or above FL310.	
▲ OKLAM 380527N-0313458E		147.4					
▲ CUBUK VOR (BUK) 401431N-0330618E							
▲ IBURA 410103N-0332225E	<u>012</u> 192	48.1					
▲ OSRIN 411816N-0332829E		17.8					
▲ INEBOLU VOR (INB) 415705N-0334222E		40.2					
▲ GAKSU 421121N-0334851E	<u>014</u> 194	15.1					↑
▲ KUGOS (FIR BDRY) 424650N-0340516E		37.6					

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address		
				Odd	Even			
1	2	3	4	5		6		
UM854 (RNAV 5)								
▲ GAZIANTEP VOR (GAZ) 365705N-0372822E	<div>327 146</div>	14.8	<div>FL660 FL285</div>		<div>↓</div>			
▲ ADRES 371017N-0372001E		6.2						
▲ ARPAG 371545N-0371628E		22.0						
△ DONDU 373511N-0370329E		15.0						
▲ ERMEM 374841N-0365511E		22.1						
▲ KEPES 380824N-0364227E		68.7						
▲ GEMEREK VOR (GEM) 390914N-0360143E		40.6						
△ USFAF 394350N-0353422E	<div>322 144</div>	12.6					<div>↑</div>	
△ ELDEN 395435N-0352545E		5.9						
△ TIMOP 395931N-0352140E		53.5						
△ ERGUN 404447N-0344420E		41.3						
▲ NENDO 411931N-0341446E		44.8						
▲ INEBOLU VOR (INB) 415705N-0334222E		56.0						
▲ SUMOL (FIR BDRY) 424756N-0331052E	<div>330 150</div>							

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UM855 (RNAV 5)							
▲ TOMBI (FIR BDRY) (2) 360226N-0304928E	355 175	22.5	FL660 FL285	↓		(1) Ref AIP TRNC ENR 3.3 KFK - BKZ segment unidirectional westbound. (2) All aircraft to enter Turkish Airspace via TOMBI entry/exit point, until they arrive the subject point, shall contact to Ankara ACC through 127.85, 128.75, 130.4, 124.075 MHz or the emergency channels not less than 10NM to TOMBI entry/exit point. Any aircraft not contact to Ankara ACC until reaching to the TOMBI entry/exit point shall not be permitted to enter Turkish Airspace.	
▲ DERYA 362456N-0304843E		30.3					
▲ ANTALYA VOR (AYT) (1) 365514N-0304740E	350 170						29.9
▲ KUMRU 372456N-0304358E		10.1					
△ ELMAS 373500N-0304230E		18.5					
△ EKSEN 375326N-0304013E		5.5					
△ LEMDA 375856N-0303925E		18.0					
△ IRGAK 381650N-0303704E		31.6					
▲ AFYON VOR (KFK) 384814N-0303248E	328	44.0		↑			
▲ EDASA 392736N-0300728E	331	19.7					↓
▲ OTSIX 394542N-0295722E		10.0					
▲ SISPI 395453N-0295212E	330	79.9					
▲ BEYKOZ VOR (BKZ) 410737N-0290834E							

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UM856 (RNAV 5)						
▲ RAKUR (FIR BDRY) 424756N-0315652E	164	66.5	FL660 FL285	↓		- Unidirectional eastbound.
△ HAKAN 414324N-0321754E		102				
▲ BAGLUM VOR (BAG) 400412N-0324836E						
△ OZCIM 392844N-0325417E	169	35.7				
▲ TELVO 392216N-0325518E		6.5				
▲ ERKUK 391255N-0325635E		9.4				
▲ OKELI 384344N-0330100E		29.4				
▲ OBRUK 380126N-0330708E		42.5				
▲ REBTA 374112N-0331010E		20.4				
▲ MUT VOR (MUT) 365146N-0331730E		49.7				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UM859 (RNAV 5)						
▲ UDROS (FIR BDRY) 424420N-0303546E						- Unidirectional eastbound
▲ BAMUP 423515N-0320103E	092	63.5	FL660 FL285	↓		
▲ ABKEV 423503N-0320254E	093	1.4				
▲ BIMVO 422722N-0330755E		48.6				
▲ VEPUM 422514N-0332502E	094	12.8				
▲ RERVA 422135N-0335333E		21.4				
▲ RUVOM 421737N-0342336E		22.6				
▲ OSDIP 421418N-0344755E	095	18.3				
△ EVKAM 420905N-0352447E		27.9				
▲ KARDE 415414N-0370243E		74.4				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UM860 (RNAV 5)						
▲ KUGOS (FIR BDRY) 424650N-0340516E	<u>129</u> 309	63.2		↓		- NINVA - SRT VOR SEGMENT Unidirectional westbound.
▲ SINOP VOR (SIN) 420123N-0350434E						
△ ÇARŞAMBA VOR (CRM) 411556N-0363256E						
△ ODALI 401940N-0380900E						
△ EBEDI 394330N-0390725E						
△ KONUK 393042N-0392805E						
△ TALIL 391120N-0395820E						
△ NAREN 383750N-0404930E						
△ RENGI 382750N-0410448E						
▲ SIIRT VOR (SRT) 375438N-0415255E						
▲ EFFEZ 373518N-0423919E	294	41.6			↑	
▲ NINVA (FIR BDRY) 372100N-0431300E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
UM861 (RNAV 5)									
▲ NISAP (FIR BDRY) 364704N-0363829E	<div>↓</div>					- Unidirectional westbound			
△ MILBA 365705N-0362846E							318	12.7	FL660 FL285
▲ TEVDA 382222N-0350400E								108.6	
△ BELSU 390751N-0341711E							317	58.4	
▲ CUBUK VOR (BUK) 401431N-0330618E								86.2	
▲ RAKUR (FIR BDRY) 424756N-0315652E							339	162.3	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UN37 (RNAV 5)						
▲ TRABZON VOR (TBN) 405943N-0394744E	<div>↓</div>					
▲ ODZOL 410741N-0401059E						
▲ ATPUM 411136N-0402233E						
▲ ZUBRE 411215N-0402429E						
▲ IFEMU 412631N-0410719E						
▲ LAFNE 412906N-0411513E						
▲ SARPI (FIR BDRY) 413256N-0412659E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UN61 (RNAV 5)						
▲ TRABZON VOR (TBN) 405943N-0394744E						
△ GONPU 411802N-0415738E						
▲ NOLGA (FIR BDRY) 412541N-0425844E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address		
				Odd	Even			
1	2	3	4	5		6		
UN127 (RNAV 5)								
▲ RIKSO (FIR BDRY) 385000N-0262600E				<div>↓</div>		- For RIKSO and BENEM: REF ENR 2.1-1 İstanbul FIR remarks column note (3) - RIKSO-IMR segment: 01 APR-01 NOV 0230-1730 UTC, 02 NOV-31 MAR 0430-1700 UTC EXCEPT weekends and public holidays stated at GEN 2.1, MNM FL 240.		
▲ IZMIR VOR (IMR) 381902N-0270026E							133 313	41.1
▲ UFQUM 375313N-0272857E							135 314	34.2
▲ ULKAN 371809N-0280733E								46.6
▲ SONEN 370917N-0281707E								11.7
▲ KEKIK 370443N-0282204E								6.0
△ DALAMAN VOR (DAL) 364122N-0284656E							134 314	30.7
▲ BIRPU 361908N-0291029E								29.3
▲ BENEM (FIR BDRY) 361100N-0291900E								10.7

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UN128 (RNAV 5)						
▲ RIKSO (FIR BDRY) 385000N-0262600E	<u>133</u> 313	41.1	FL660 FL285	↓		- For RIKSO and BANRO: REF ENR 2.1-1 Istanbul FIR remarks column note (3).
▲ IZMIR VOR (IMR) 381902N-0270026E						
△ OKESA 373745N-0272311E	45.1					
▲ AKBUK 373000N-0272738E	8.5					
△ YOYYO 371706N-0273424E	<u>153</u> 334	14.0				
▲ YUNUS 364235N-0275300E	37.7					
▲ BANRO (FIR BDRY) 362941N-0275943E	14.0	↑				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UN129 (RNAV 5)						
▲ DUGLA 392956N-0271328E	<div>164 345</div> <div>185.3</div> <div>FL660 FL285</div> <div>↓</div> <div>↑</div>					- For PIROX: REF ENR 2.1-1 Istanbul FIR remarks column note (3).
▲ PIROX (FIR BDRY) 362900N-0280300E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UN131 (RNAV 5)						
▲ BELGI 403000N-0255300E						
▲ CANAKKALE VOR (CNK) 400804N-0262536E	124	33.2	FL660 FL285	↓		- Unidirectional eastbound
▲ SUDES 394610N-0265336E	129	30.7				- For BELGI: REF ENR 2.1-1 İstanbul FIR remarks column note (3).
▲ DUGLA 392956N-0271328E	130	22.3				- For KULAR: Only available for traffic destined to Antalya Airport.
▲ OVZOK 392229N-0272508E	125	11.7				- AYT VOR - DOREN segment will only be authorized for traffic to or from Ercan (LCEN) Airport
△ NILER 390502N-0275211E		27.3				(1) Ref AIP TRNC ENR 3.3
△ KULAR 383456N-0283758E		46.7				(2) The segment BTN AYT VOR- DOREN will only be authorized for traffic to or from Ercan Airport (LCEN). All operators shall file flight plans in accordance with this regulation.
▲ BAGLU 380416N-0291931E	129	44.8				
▲ CARDAK VOR (CRD) 374723N-0294215E		24.7				
▲ SALDA 373319N-0300001E	130	19.9				
△ KOZLU 372950N-0300428E		5.0				
▲ BRONZ 371611N-0302058E		18.9				
▲ ANTALYA VOR (AYT) (1) 365514N-0304740E		29.9				
△ MANAV 364156N-0312128E	111	30.2				
▲ GELKI 363443N-0314051E		17.2				
△ VEMEK 362820N-0315520E		13.3				
▲ BATNU 360939N-0324326E		43.1				
▲ DOREN (FIR BDRY) (2) 355556N-0331658E		30.4				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
UN135 (RNAV 5)									
▲ VESAR (FIR BDRY) (2) 355456N-0340058E	288 106	38.3	FL660 FL285		↓	(1) Ref AIP TRNC ENR 3.3 (2) All aircraft to enter Turkish Airspace via VESAR entry/exit point, until they arrive the subject point, shall contact to Ankara ACC through 127.85, 128.75, 130.4, 124.075 MHz or the emergency channels not less than 10NM to VESAR entry/exit point. Any aircraft not contact to Ankara ACC until reaching to the VESAR entry/exit point shall not be permitted to enter Turkish Airspace.			
△ NEKES 360913N-0331705E		29.7							
△ TUKTU 362005N-0324258E		33.7							
△ ALNYA 363218N-0320402E		24.3							
▲ KULOL 364059N-0313537E		10.7							
△ ADASU 364504N-0312320E		30.3							
▲ ANTALYA VOR (AYT) (1) 365514N-0304740E	290 108	42.4							
△ ERGIN 371348N-0295958E		14.9							
△ NESIL 372035N-0294323E		15.9							
▲ BALSU 372730N-0292525E		37.8							
▲ LAVTA 374318N-0284212E		41.5							
▲ BAPSI 380008N-0275415E	294 112	3.8							↑
▲ AFLUH 380154N-0274958E	290 108	19.8							
▲ 380955N-0272658E		22.8							
▲ IZMIR VOR (IMR) 381902N-0270026E									

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address		
				Odd	Even			
1	2	3	4	5		6		
UN136 (RNAV 5)								
▲ SOTIV 363300N-0282900E	<div>↓</div>					- For SOTIV: REF ENR 2.1-1 İstanbul FIR remarks column note (3).		
▲ DALAMAN VOR (DAL) 364122N-0284656E							<u>056</u> 235	16.7
▲ OZYAK 370730N-0290836E							<u>028</u> 209	31.4
▲ SUNAT 371507N-0291459E								9.2
▲ RIVBU 371938N-0291845E								5.5
▲ BALSU 372730N-0292525E								9.5
▲ CARDAK VOR (CRD) 374723N-0294215E								24.0
▲ DESEM 380908N-0300007E							<u>028</u> 208	25.9
△ TEKDO 382020N-0300924E								13.4
△ UPKUL 383154N-0301903E								13.8
▲ AFYON VOR (KFK) 384814N-0303248E								19.6

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UN161 (RNAV 5)						
▲ ERZURUM VOR (ERZ) 395724N-0411225E	078 258	24.8	FL660 FL285	↓		
▲ ALVAR 395945N-0414435E		32.0				
△ YAVUZ 400240N-0422600E		23.2				
▲ BIRZU 400430N-0425611E		20.0				
▲ ELTOX 400559N-0432210E		13.6		↑		
▲ INDUR (FIR BDRY) 400656N-0433953E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UN374 (RNAV 1)						
▲ IĞDIR VOR (GDR)						
395821N-0435311E	<u>100</u> 280	34.8	<u>FL660</u> FL285	↓	↑	
△ GEZSO						
394834N-0443636E	<u>128</u> 309	8.7				
▲ TUXAZ (FIR BDRY)						
394229N-0444437E						


Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UN604 (RNAV 5)							
▲ AMANI (FIR BDRY) 391956N-0262958E	031 211	32.0	FL660 FL285	↓		- For AMANI: REF ENR 2.1-1 İstanbul FIR remarks column note (3) - BEYKOZ-MAKOL segment: unidirectional westbound.	
△ SUDES 394610N-0265336E		30.6					
▲ INBET 401111N-0271630E							7.2
▲ BIGA VOR (BIG) 401703N-0272155E							
▲ BEYKOZ VOR (BKZ) 410737N-0290834E	054 234	95.5		↑			
▲ ERTAS 412741N-0290848E	356	20.1					
▲ MAKOL (FIR BDRY) 421014N-0290834E		42.6					↓

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UN616 (RNAV 5)						
▲ RIXEN (FIR BDRY) 420456N-0284558E	173	12.7	FL660 FL285	↓		- Unidirectional eastbound.
▲ GINLI 415216N-0284628E		7.5				
▲ TETSA 414446N-0284645E		16.1				
△ UNSAV 412842N-0284723E		15.0				
△ FATIH 411341N-0284758E		16.0				
▲ ISTANBUL VOR (IST) 405741N-0284838E	163	72.2	FL660 FL285			
△ OVACI 394720N-0290915E		24.1				
▲ DEDIM 392350N-0291607E		44.9				
△ TUMER 383956N-0292813E		53.8				
▲ CARDAK VOR (CRD) 374723N-0294215E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UN617						
▲ MAKOL (FIR BDRY) 421014N-0290834E						YALOVA VOR - VAPEK segment - Unidirectional eastbound. MAKOL - YALOVA VOR segment - Unidirectional westbound.
▲ ERTAS 412741N-0290848E	356	42.6	FL660 FL285		▲ ↑	
▲ BEYKOZ VOR (BKZ) 410737N-0290834E		20.1				
▲ YALOVA VOR (YAA) 402830N-0291227E	352	39.3				
△ ROXUK 395325N-0294307E	141	42.2		▼ ↓		
▲ RORMU 393112N-0295537E	151	24.2				
▲ ERVAG 390355N-0301058E		29.7				
▲ IRGAK 381650N-0303704E		51.3				
▲ VAPEK 372200N-0314140E	131	74.9				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UN618 (RNAV 5)							
▲ DALAMAN VOR (DAL) 364122N-0284656E						- EKI - VADEN segment: unidirectional westbound.	
▲ ERFES 365827N-0281537E	299 119	30.4	FL660 FL285		↓		
▲ CENGO 370356N-0280528E		9.8					
▲ MILAS VOR (BDR) 371528N-0273816E	293 113	24.6			3.5		
△ YOYYO 371706N-0273424E							
▲ AKBUK 373000N-0272738E	331 151	14.0			8.5		
△ OKESA 373745N-0272311E		45.1					
▲ IZMIR VOR (IMR) 381902N-0270026E							
▲ BERGO 385956N-0270758E	003 184	41.4			30.3		
▲ DUGLA 392956E-0271328E		19.0					
△ KONEN 394842N-0271638E		6.0					
▲ LEDLO 395439N-0271744E		4.4					
▲ RAUMA 395902N-0271833E		18.2					
▲ BIGA VOR (BIG) 401703N-0272155E		360 180					40.2
▲ TEKIRDAG VOR (EKI) 405703N-0272534E	348	38.0			↓		
△ SERCE 413438N-0271833E		29.6					
▲ VADEN (FIR BDRY) 420356N-0271258E							

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UN644 (RNAV 5)						
▲ DIGTI (FIR BDRY) 410731N-0261917E	084	16.0	FL660 FL285	↓		- DIGTI-BKZ VOR segment unidirectional eastbound
▲ NONDU 410747N-0264029E		77.5				
▲ TIRER 410811N-0282303E						
▲ BEYKOZ VOR (BKZ) 410737N-0290834E	085	34.4				
▲ YASEN 411156N-0293058E	071 253	17.4				
△ PAZAR 411756N-0295958E		22.6				
▲ AKCAK 412544N-0304329E	071 251	33.7				
▲ GUMRU 413256N-0312058E	070 250	29.1				
△ HAKAN 414324N-0321754E	071 253	43.9				
△ MIMTO 415049N-0330248E		34.3				
▲ INEBOLU VOR (INB) 415705N-0334222E		30.2				
▲ SINOP VOR (SIN) 420123N-0350434E	079 260	61.4				
△ KARDE 415414N-0370243E	085 268	88.4				
△ FALAZ 415040N-0393100E		110.8				
△ ZERGE 414918N-0400736E	086 269	27.4				
▲ ROLIN (FIR BDRY) 414757N-0403923E		23.8				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UN739 (RNAV 5)						
▲ ADORU (FIR BDRY) 415218N-0263406E						- Unidirectional eastbound.
▲ ATVEP 412744N-0265713E	141	30.1	FL660 FL285			
▲ ULMAR 411240N-0271113E		18.4				
▲ TEKIRDAG VOR (EKI) 405703N-0272534E		19.0				
▲ TUMER 383956N-0292813E	140	166.4				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address		
				Odd	Even			
1	2	3	4	5		6		
UN743 (RNAV 5)								
▲ UDROS (FIR BDRY) 424420N-0303546E	<div>↓</div>							
△ ABSAX 422001N-0323501E							100	91.5
▲ GAKSU 421121N-0334851E							094	55.5
△ RUVOM 421737N-0342336E							071	26.6
▲ ODIRA (FIR BDRY) 424232N-0365453E								114.6

Route designator Name of significant points Coordinates	Track MAG	DIST NM	Upper limits Lower limits or Minimum Altitude	Lateral Limits (NM)	Direction of cruising levels		Remarks Controlling Unit Channel					
					Odd	Even						
1	2	3	4	5	6							
UP14 (RNAV 5)												
▲ RIKSO (FIR BDRY)	<div></div>						- Unidirectional eastbound					
385000N-0262600E												
△ ZAFLE								093	25.3	10	<div></div>	
384602N-0265757E												
△ TUFUB												
383022N-0272430E	121	26.0	<u>FL660</u> FL285									
△ ODNOD		23.9										
381555N-0274841E	122	53.4										
▲ LAVTA												
374318N-0284212E												


Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UP29 (RNAV 5)						
▲ SUMOL (FIR BDRY) 424756N-0331052E	182	20.7	FL660 FL285	↓		- Unidirectional east bound
▲ BIMVO 422722N-0330755E		36.7				
▲ MIMTO 415049N-0330248E		23.8				
▲ TEPKI 412712N-0325934E		83.5				
▲ BAGLUM VOR (BAG) 400412N-0324836E	204	45.8				
△ HALIL 392326N-0322128E		85.6				
△ HISAR 380656N-0313228E		50.1				
△ DAMLA 372141N-0310518E		30.0				
▲ ANTALYA VOR (AYT) 365514N-0304740E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UP146 (RNAV 5)						
▲ TRABZON VOR (TBN) 405943N-0394744E					- Unidirectional eastbound	
▲ MILQO 404745N-0402209E	110	28.7	<u>FL660</u> FL285	↓		- AGRI VOR- AGINA segment is not available for traffic at FL 290 and FL 370
△ YAVUZ 400240N-0422600E		104.7				
▲ AGRI VOR (ARI) 393845N-0430138E	126	36.4				
▲ AGINA (FIR BDRY) 391924N-0440512E	107	52.8				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UP727 (RNAV 5)						
▲ FENER 411711N-0282128E						- Unidirectional westbound
▲ IBLAX (FIR BDRY) 415859N-0281709E						
	349	41.9	FL660 FL285		↓	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UP975 (RNAV 5)						
▲ ARTAT (FIR BDRY) 422150N-0293727E						Unidirectional east bound
△ ERMUP 420002N-0310122E	104	66.1	FL660 FL285	↓		
△ ROKVA 414945N-0313926E	105	30.2				
▲ NAPIP 414824N-0314420E		3.9				
△ UNVUS 414142N-0320829E		19.3				
△ ASMOB 414010N-0321358E		4.4				
△ RELTU 413839N-0321924E		4.4				
△ APTOX 413535N-0323015E		8.7				
△ TEPKI 412712N-0325934E	23.6					
▲ PIPUR 412104N-0331420E	114	12.7				
△ ORMAN 411731N-0332309E		7.5				
△ ERGUN 404447N-0344420E		69.6				
▲ SIVAS VOR (SIV) 394722N-0365336E		114.3				
▲ NUNTU 393447N-0372135E		25.0				
△ VEVEN 392710N-0373818E		15.0				
▲ ARPUT 385032N-0385631E		71.0				
▲ ELAZIG VOR (EVS) 384229N-0391326E	15.5					

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UP975 (Continued)(RNAV 5)						
▲ ELAZIG VOR (EZS) 384229N-0391326E	<u>131</u> 311	68.3	<u>FL660</u> FL285	↓	↑	
▲ DIYARBAKIR VOR (DYB) 375225N-0401230E		51.0				
▲ LEKRO 371638N-0405817E	<u>128</u> 308	17.4				
▲ LESRI (FIR BDRY) 370420N-0411349E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UQ23 (RNAV 5)						
▲ ANTALYA VOR (AYT) 365514N-0304740E						- Unidirectional westbound.
▲ OSVEL 382855N-0310107E	001	94.2	FL660 FL285			
▲ OSDAN 385107N-0304125E	320	27.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UQ26 (RNAV 5)						
▲ ANTALYA VOR (AYT) 365514N-0304740E						- Unidirectional westbound.
▲ EKNUD 380745N-0304837E	355	72.4	FL660 FL285		↓	
▲ OSDAN 385107N-0304125E	347	43.7				
▲ HANKO 392956N-0301558E	328	43.5				
△ EMBIX 395743N-0300105E	332	30.0				
△ INSEG 403941N-0293811E		45.4				
△ BEYKOZ VOR (BKZ) 410737N-0290834E	316	35.8				
▲ DIGBO 412937N-0282416E	298	40.0				
▲ TUDBU (FIR BDRY) 415800N-0274637E	310	40.0				


Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT30						
▲ ATGIT 381205N-0294457E	<div>006</div> <div>57.0</div> <div>18.0</div> <div>20.4</div> <div>342</div>					- Unidirectional westbound.
▲ SIVKU 390805N-0295848E						
▲ KARGI 392545N-0300316E						
▲ OTSIX 394542N-0295722E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address		
				Odd	Even			
1	2	3	4	5		6		
UT32 (RNAV 5)								
▲ CUBUK VOR (BUK) 401431N-0330618E	291	150.1	FL660 FL285		▲	- GEM-BUK segment: Unidirectional westbound. - BUK-GEM segment: Not available for domestic traffic (DEP/DEST BTN Turkish Airports)		
▲ GEMEREK VOR (GEM) 390914N-0360143E								
△ UREBO 384722N-0370839E	106 287	56.5		↓				
▲ MALATYA VOR (ERH) 382745N-0380643E		49.5						
△ ASKER 381637N-0384705E	103 284	33.6						
△ DIGIL 381143N-390438E		14.6						
▲ MOVUL 380910N-0391355E		8.0						
▲ DIYARBAKIR VOR (DYB) 375225N-0401230E		49.0						
▲ SUMAP 380702N-0403624E	046 226	24.0						
△ TAMER 381426N-0404859E		12.3						
△ EKMIN 381703N-0405304E		4.1						
△ BALIM 382547N-0410727E		14.3						
△ BAYIR 383541N-0412414E		16.5						
▲ MUS VOR (MUS) 384500N-0413940E		15.2						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UT35 (RNAV 5)							
▲ ISTANBUL VOR (IST) 405741N-0284838E	152	68.4	FL660 FL285	↓		- Unidirectional eastbound.	
▲ RATVU 395424N-0292242E		17.3					
▲ NUMTI 393828N-0293127E							
▲ DOKUB 385328N-0295344E	153	48.2					
▲ TEKDO 382020N-0300924E	154	35.3					
▲ UNEPI 381458N-0301152E		155					5.7
▲ BABSA 380056N-0301818E							14.9
▲ ANTALYA VOR (AYT) 365514N-0304740E							69.7

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UT36 (RNAV 5)							
▲ ELAZIG VOR (EVS)	<div>↓</div>					- Elazığ VOR - ULKEM and DERIL-ALRAM segments are unidirectional eastbound.	
384229N-0391326E							
△ ASPUL							56.6
383306N-0402446E							31.8
△ RENGİ							35.8
382750N-0410448E							
△ ULTED							28.3
382102N-0414934E							45.8
△ LIVDO							
381541N-0422450E							
△ ULKEM	093		FL660 FL285				
380638N-0432153E	096	54.7					
△ DERİL	110 290			↓	↑		
374404N-0442454E	090	9.6		↓			
▲ ALRAM (FIR BDRY)							
374230N-0443736E				↓			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
UT38 (RNAV 5)									
▲ BELGI (FIR BDRY) 403000N-0255300E	119	76.2	FL660 FL285	↓		BELGI - VAPEK segment Unidirectional eastbound.			
▲ KONEN 394842N-0271638E		11.3				- For BELGI: REF ENR 2.1-1 İstanbul FIR remarks column note (3) (1) Ref AIP TRNC ENR 3.3			
△ ADPEW 394229N-0272853E									
▲ ATKAN 393112N-0275058E	120	20.5							
▲ KUDAK 391756N-0281636E		23.9							
▲ TUMER 383956N-0292813E		67.5							
▲ RESLI 381740N-0300711E	122	37.8		↓	↑	VAPEK - VESAR segment bidirectional.			
▲ UNEPI 381458N-0301152E		4.6							
△ LEMDA 375856N-0303925E	123	27.0							
△ VAPEK 372200N-0314140E		61.7							
▲ KETEK (1) 365316N-0322842E		47.3							
▲ UMDOT 362257N-0331713E	123 304	49.4							
▲ VESAR (FIR BDRY) 355456N-0340058E		45.1							

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT39 (RNAV 5)						
▲ KULAR 383456N-0283758E					- KULAR - LAMSA segment will not be used BTN FL200-FL250 if there are military flights.	
▲ IPGIG 375041N-0291713E	141	54.0	FL660 FL285			
▲ NESIL 372035N-0294323E		36.6				
▲ LAMSA 370639N-0295522E		16.9				
▲ EDISI 365057N-0300847E		19.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UT44 (RNAV 5)							
△ MARMA 403138N-0273856E	163	40.9	FL660 FL285	↓		- Unidirectional eastbound.	
▲ ALEDA 395139N-0275022E		47.6					
▲ MINSU 390504N-0280322E	133	40.5					
△ KULAR 383456N-0283758E		171					51.8
△ LAVTA 374318N-0284212E							13.3
▲ ATSAL 373001N-0284308E							8.6
△ KAVAK 372126N-0284358E	171						40.1
▲ DALAMAN VOR (DAL) 364122N-0284656E							

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
UT54 (RNAV 5)									
▲ SITRU (FIR BDRY) 380626N-0261758E						- For SITRU: REF ENR 2.1-1 İstanbul FIR remarks column note (3)			
▲ IZMIR VOR (IMR) 381902N-0270026E	064 244	35.7	FL660 FL285	↓					
△ LASON 382305N-0272710E	073 253	21.4							
△ VAKUM 383008N-0281529E		38.6							
△ KULAR 383456N-0283758E	071 252	18.3							
△ NESET 383753N-0290711E	076 257	23.1							
△ TUMER 383956N-0292813E		16.6							
△ KINIK 384356N-0295958E		25.1							
▲ AFYON VOR (KFK) 384814N-0303248E		26.0							
△ ROLVI 391304N-0314841E	063 244	64.1							
△ HALIL 392326N-0322128E		27.5							
▲ HAYMANA NDB (HAY) 392612N-0323034E		7.6							
△ OZCIM 392844N-0325417E	076 256	18.5							
△ EPHIK 393059N-0331540E		16.7							
▲ AVCES 393312N-0333736E		17.1							
△ JUPNE 393742N-0342422E	076 257	36.4							
▲ USFAF 394350N-0353422E	077 258	54.4							
△ ZACUF 394701N-0361437E	080 261	31.2							
▲ SİVAS VOR (SIV) 394722N-0365336E		30.1							
									↑

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT57 (RNAV 5)						
▲ VICEN	<div></div>					Unidirectional eastbound.
△ 403957N-0301803E ZAPWI						
△ 403203N-0303129E BEZWU						
▲ 402947N-0304414E VEVUD						
402251N-0311320E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT58 (RNAV 5)						
▲ KUXIL 372851N-0290018E	<div>027</div> <div>25.6</div> <div>FL660 FL285</div> <div>↓</div>					- Unidirectional eastbound.
▲ IPGIG 375041N-0291713E						
▲ ATGIT 381205N-0294457E						
▲ EMKUD 383610N-0301641E						
▲ AFYON VOR (KFK) 384814N-0303248E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT61 (RNAV 5)						
▲ SINOP VOR (SIN)						
420123N-0350434E ▲ UVULU						
413413N-0343211E ▲ NENDO						
411931N-0341446E ▲ BAGLUM VOR (BAG)						
400412N-0324836E ▲ HAYMANA NDB (HAY)						
392612N-0323034E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT62 (RNAV 5)						
▲ TELVO 392216N-0325518E	202 021	103.4	FL660 FL285		↓	- Will only be available BTN 31 MAY - 01 NOV
▲ RUKAP 374915N-0315758E		30.2				
▲ VAPEK 372200N 0314140E		18.1				
▲ PIDEV 370539N-0313200E		13.2				
▲ KONAK 365341N-0312458E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
UT69 (RNAV 5)									
▲ OVACI 394720N-0290915E	<div>↓</div>					- Unidirectional eastbound.			
▲ BAKPI 384458N-0293933E							154	66.6	<u>FL660</u> FL285
▲ RUNOL 382737N-0295453E							140	21.1	
▲ BABSA 380056N-0301818E								32.4	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT76 (RNAV 5)						
▲ DOKUB						- Unidirectional eastbound.
385328N-0295344E						
▲ AFYON VOR (KFK)						
384814N-0303248E	94	31.0	FL660 FL285	↓		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT79 (RNAV 5)						
▲ ILHAN 402638N-0334213E						- Unidirectional westbound.
▲ DEREL 404250N-0321136E	277	70.9	FL660 FL285		↓	
△ UFKAC 405417N-0312515E	282	37.0				
▲ NAMAN 405956N-0305958E	280	20.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT97 (RNAV 5)						
▲ KANQO 411330N-0304536E	<div>↑</div>					- Unidirectional westbound
△ LETBU 410758N-0320409E						
▲ ASTAL 404426N-0330728E						
▲ ILHAN 402638N-0334213E						
▲ TIMOP 395931N-0352140E						
	270	59.6	<u>FL660</u> FL285			
	290	53.4				
	298	31.9				
	284	80.9				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT142 (RNAV 5)						
▲ ASKER 381637N-0384705E						
▲ SONSU 375248N-0382312E	<u>214</u> 033	30.4	<u>FL660</u> FL285	▲ ↑	▼ ↓	
▲ BUPUN 372340N-0375420E	<u>214</u> 034	37.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT143 (RNAV 5)						
▲ ARTAR 370538N-0385041E						
▲ OSKOV 370416N-0380927E	263	33.0	FL660 FL285		↓	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT162 (RNAV 5)						
▲ DIGTI (FIR BDRY) 410731N-0261917E	107	14.2	FL660 FL285	↓		- Unidirectional eastbound.
▲ DRAMO 410204N-0263640E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
UT165 (RNAV 5)									
▲ TRABZON VOR (TBN) 405943N-0394744E	<div>↓</div>								
△ NETPU 405522N-0402508E							<u>094</u> 274	28.7	FL660 FL285
△ ABVEX 405339N-0403928E								11.0	
△ SUREL 405202N-0405238E	10.1								
△ LEGDO 405006N-0410814E	<u>096</u> 276	12.0							
▲ LUMEX 403909N-0422809E		61.7							
▲ AKUTU 403805N-0423519E		5.6							
▲ EDASU 403624N-0424636E		8.8							
▲ KARS VOR (KAR) 403324N-0430614E		15.3							
▲ EKPOS 404126N-0432238E	<u>052</u> 232	14.8		<div>↑</div>					
▲ REBLO (FIR BDRY) 405024N-0434106E		16.6							


Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT166 (RNAV 5)						
▲ ERZİNCAN VOR (ERN) 394230N-0393145E	<u>004</u> 184	14.5	<u>FL660</u> FL285	↓		
▲ ORHAN 395651N-0393440E		8.8				
▲ BALON 400530N-0393630E		19.8				
▲ SONAD 402505N-0394035E	<u>003</u> 183	5.1		↑		
▲ PIXAP 403006N-0394132E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT167 (RNAV 5)						
▲ DELEL 405754N-0405325E						
▲ OTROM 405640N-0403933E	<u>258</u> 078	10.6	FL660 FL285	▲ ↓	▼ ↓	
▲ NETPU 405522N-0402508E		11.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT168 (RNAV 5)						
▲ RIZE-ARTVIN VOR (ART) 411049N-0405131E						
▲ ALNOZ 405120N-0405708E						
▲ LEHOK 402151N-0410533E						
▲ ERZURUM VOR (ERZ) 395724N-0411225E						
	161 341	19.9	FL660 FL285	↓	↑	
		30.2				
		25.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT179 (RNAV 5)						
▲ ERVAG						- Unidirectional eastbound.
390355N-0301058E						
▲ AFYON VOR(KFK)						
384814N-0303248E	127	23.1	<u>FL660</u> FL285	↓		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT210 (RNAV 5)						
▲ ASTAL						- Unidirectional westbound.
404426N-0330728E						
▲ DEREL						
404250N-0321136E	262	42.5	<u>FL660</u> FL285		↓	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT238 (RNAV 5)						
▲ OKESA 373745N-0272311E						
▲ OZNEF 374121N-0273303E						
▲ CILDIR VOR (CLD) 374853N-0275347E			FL660 FL285			
▲ UVTOL 374603N-0281846E						
▲ LAVTA 374318N-0284212E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT241 (RNAV 5)						
▲ AKBUK 373000N-0272738E	044 224	8.0	FL660 FL285	↓	↑	KULA VOR-MISRO segment unidirectional westbound.
△ ALPUW 373525N-0273505E		20.0				
▲ CILDIR VOR (CLD) 374853N-0275347E						
▲ NODKO 381311N-0281607E	032 212	30.0				
▲ KULA VOR (DEN) 383441N-0283610E		27.0				
▲ NUMTI 393828N-0293127E	210	76.9				
▲ MISRO 395710N-0294804E		22.7			↑	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT243 (RNAV 5)						
▲ HAYMANA NDB (HAY) 392612N-0323034E	090 271	39.8	FL660 FL285	↓		
△ AZBUL 392256N-0332143E		28.7				
△ BADOX 391955N-0335831E		61.1				
△ ERMOD 391324N-0351648E		35.2				
▲ GEMEREK VOR (GEM) 390914N-0360143E		39.1				
△ ZACUF 394701N-0361437E	009 189	5.6		↑		
▲ ENFOR 395226N-0361629E	003 183	27.0				
▲ TOKAT VOR (TKT) 401907N-0362210E		57.4				
▲ CARSAMBA VOR (CRM) 411556N-0363256E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT244 (RNAV 5)						
▲ SOMGU 393312N-0295720E	<u>121</u> 301	9.6	<u>FL660</u> FL285	↓		
▲ EDASA 392736N-0300728E		96.5				
▲ OKMOT 383038N-0314727E		81.9				
▲ REBTA 374112N-0331010E		75.3				
▲ MANAZ 365453N-0342441E				↑		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT253 (RNAV 5)						
▲ RENGI 382750N-0410448E						- Unidirectional eastbound.
▲ OTKEP 375133N-0423936E	110	83.1	FL660 FL285	↓		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT264 (RNAV 5)						
△ FENER 411711N-0282128E	323	48.5	FL660 FL285		↓	- Unidirectional westbound.
▲ TUDBU (FIR BDRY) 415800N-0274637E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT268 (RNAV 5)						
▲ RIVBU 371938N-0291845E	<div>↓</div>					- Unidirectional eastbound.
▲ IPGIG 375041N-0291713E						
	352	31.0	<u>FL660</u> FL285			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT275 (RNAV 5)						
▲ INEBOLU VOR (INB) 415705N-0334222E	<div><div></div><div></div></div>					
▲ KASTAMONU VOR (KST) 412101N-0334800E						
	<div>168 348</div>	36.3	<div>FL660 FL285</div>	<div>↓</div>	<div>↑</div>	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address				
				Odd	Even					
1	2	3	4	5		6				
UT276 (RNAV 5)										
▲ KASTAMONU VOR (KST) 412101N-0334800E										
▲ OSRIN 411816N-0332829E							254 074	15.0	FL660 FL285	▲ ↓
▲ ORMAN 411731N-0332309E								4.1		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT277 (RNAV 5)						
▲ ANTALYA VOR (AYT) 365514N-0304740E	<div>118</div> <div>52.4</div> <div>FL660 FL285</div> <div>↓</div>					- Unidirectional eastbound.
▲ UTUSO 362659N-0314238E						
▲ BEPTO 361611N-0320312E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UT283 (RNAV 5)							
▲ OKESA 373745N-0272311E							
△ ALPUW 373525N-0273505E	<u>100</u> 280	9.7	<u>FL660</u> FL285	↓			
△ KAVAK 372126N-0284358E		56.6					
△ BALSU 372730N-0292525E	<u>075</u> 255	33.6					↑



Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT284 (RNAV 5)						
▲ EVKIT 361540N-0334516E	<div></div>					Not available for traffic, 1. With DEP/DEST LTCB 2. With DEP/DEST LTAR
▲ INPOR 364030N-0340612E						
▲ UDVET 381854N-0353201E						
▲ SIVAS VOR (SIV) 394722N-0365336E	029 210	30.0	FL660 FL285	<div></div>		
▲ ATRIV 401245N-0371907E		119.7				
△ EKTOD 403531N-0374224E		108.9				
△ ODSAM 403853N-0374553E	031 212	32.1			<div></div>	
△ VAKTI 404606N-0375322E		29.0				
△ IPDAL 405303N-0380037E		4.3				
ORDU GİRESUN NDB (ORI) 405752N-0380510E		9.2				
▲ ARSUG 410759N-0381620E	030 210	8.9				
		5.9				
	034 214	13.2				<div></div>

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UT301 (RNAV 5)							
▲ ULTED 382102N-0414934E					- ULTED-NARLI and YKV VOR- LUMOM segments unidirectional eastbound.		
△ NARLI 374856N-0431459E	110	74.7	FL660 FL285	↓			↑
△ INLAP 374101N-0434445E	105 285	24.9					
△ YUKSEKOVA VOR (YKV) 373257N-0441433E		25.0					
▲ LUMOM (FIR BDRY) 371612N-0444924E	116	32.4					

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UT302 (RNAV 5)							
▲ ADORU (FIR BDRY) 415218N-0263406E	113	37.6	FL660 FL285	↓		The Segment BTV ADORU - ERSEN is unidirectional eastbound.	
△ SERCE 413438N-0271833E		55.2					
△ TIRER 410811N-0282303E		22.0					
▲ ISTANBUL VOR (IST) 405741N-0284838E	083	38.1					
△ VATCA 405851N-0293857E		15.0					
▲ ERKAL 405912N-0295847E	098	17.0					
▲ NUMSO 405522N-0302043E		15.0					
▲ ERSEN 405156N-0303958E							
▲ GUMRU 413256N-0312058E	032 213	51.4		↓	↑		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT304 (RNAV 5)						
△ EVPIM 415342N-0322200E	272	5.8	<u>FL660</u> FL285		<div>↓</div>	- Unidirectional westbound.
△ LUUPU 415434N-0321418E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT305 (RNAV 5)						
▲ ERVAG 390355N-0301058E	<div>↓</div>					- Unidirectional eastbound.
▲ TEKDO 382020N-0300924E						
	176	43.5	FL660 FL285			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address				
				Odd	Even					
1	2	3	4	5		6				
UT306 (RNAV 5)										
▲ SIIRT VOR (SRT) 375438N-0415255E	161 341	13.7	FL660 FL285							
▲ ABDIK 374118N-0415719E		20.0								
▲ SIRNAK VOR (RNA) 372154N-0420341E										

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT308 (RNAV 5)						
▲ BINGOL VOR (BNG) 385120N-0403603E						
▲ ROTKU 384735N-0395741E						
▲ ELAZIG VOR (Ezs) 384229N-0391326E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT309 (RNAV 5)						
▲ BINGOL VOR (BNG) 385120N-0403603E						
▲ ADNOS 391906N-0405111E						
▲ ERZURUM VOR (ERZ) 395724N-0411225E	018 198	30.1	FL660 FL285	↓		
41.6						
▲ VIRAN 400707N-0414210E	061 243	24.8			↑	
▲ RAHMA 402224N-0423029E		40.1				
▲ NIVLA 402744N-0424746E		14.2				
▲ KARS VOR (KAR) 403324N-0430614E		15.2				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT310 (RNAV 5)						
▲ NUGBA 413528N-0304027E	250	21.4	FL660 FL285		↑	- Unidirectional westbound BTN GAKSU and NUGBA - Unidirectional eastbound BTN GAKSU and SIN VOR
△ VEMAG 414044N-0310809E						
▲ NAPIP 414824N-0314420E	249	28.1				
△ LUUPU 415434N-0321418E		23.2				
▲ ADUMU 420417N-0330440E	250	38.8				
▲ GAKSU 421121N-0334851E	252	33.6				
▲ OTKOT 420641N-0342558E		28.0				
▲ ATNOP 420308N-0345130E		19.3				
▲ SINOP VOR (SIN) 420123N-0350434E		9.9				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT315 (RNAV 5)						
▲ NUGBA 413528N-0304027E						
▲ GUMRU 413256N-0312058E	<u>087</u> 267	30.5	FL660 FL285	↓	↑	
▲ CAYCUMA VOR (CAY) 413050N-0320240E	<u>088</u> 268	31.4				
▲ HAKAN 414324N-0321754E	<u>035</u> 216	17.0				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT329 (RNAV 5)						
▲ AZBUL	<div>305</div> <div>59.5</div> <div>FL660 FL285</div> <div>↓</div>					- Unidirectional westbound.
392256N-0332143E						
▲ NEGBU						
400051N-0322218E						
▲ TOKER	279	75.7				
401848N-0304620E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT331 (RNAV 5)						
▲ YAVUZ 400240N-0422600E						
▲ ASKAZ 400729N-0425220E						
▲ ETISI 401201N-0431744E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT332 (RNAV 5)						
▲ BEYAZ 383018N-0424717E						
▲ ERPIM 380625N-0424232E						
▲ OTKEP 375133N-0423936E	<u>184</u> 004	24.2	<u>FL660</u> FL285	▲ ↓	▼	
▲ EFPEZ 373518N-0423919E		15.0				
▲ KABAN (FIR BDRY) 371456N-0423859E	356	16.2		▲ ↓		
		20.4				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT333 (RNAV 5)						
▲ BEYAZ 383018N-0424717E						
△ LIVDO 381541N-0422450E	<u>226</u> 046	22.9	<u>FL660</u> FL285		↓	
△ EMBAG 380736N0421231E		12.6				
▲ SIIRT VOR (SRT) 375438N-0415255E	<u>226</u> 045	20.2				
△ ESOTA 374612N-0414621E	<u>207</u> 027	9.9				
▲ LESRI (FIR BDRY) 370420N-0411349E		49.2				
				↑		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT336 (RNAV 5)						
▲ ANTALYA VOR (AYT) 365514N-0304740E						
▲ ATSUB 363505N-0313721E	<u>112</u> 292	44.7	<u>FL660</u> FL285		↓	
△ EVKOR 362544N-0320000E	<u>113</u> 293	20.5			▲	
▲ GAZİPASA NDB (GZP) 361815N-0321751E		16.2				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT337 (RNAV 5)						
▲ EKSEN 375326N-0304013E						- Unidirectional westbound
▲ EKNUD 380745N-0304837E	020	15.8	FL660 FL285		↓	
▲ OSVEL 382855N-0310107E		23.3				
▲ AFYON VOR (KFK) 384814N-0303248E	307	29.4				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT338 (RNAV 5)						
▲ RORMU 393112N-0295537E	106	9.8	FL660 FL285	↓		- Unidirectional eastbound
▲ EDASA 392736N-0300728E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT339 (RNAV 5)						
▲ GAZİPASA NDB (GZP) 361815N-0321751E	049 230	21.1	FL660 FL285		↓	
▲ ELROP 363022N-0323912E		37.5				
▲ MUT VOR (MUT) 365146N-0331730E		037 218		47.4	↑	
△ ERGEP 372638N-0335745E	37.4					
△ SELVI 375356N-0342958E	30.6			↓		
▲ ERCIS 381613N-0345637E	8.5					
△ TEVDA 382222N-0350400E	11.9					
△ ERHAN 383126N-0351344E	35.5					
△ TIRMA 385632N-0354554E	17.7					
▲ GEMEREK VOR (GEM) 390914N-0360143E	30.4					
▲ ADVOK 393013N-0363004E	040 220	25.0		↑		
▲ SIVAS VOR (SIV) 394722N-0365336E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UT341 (RNAV 5)							
▲ ERKAL 405912N-0295847E					CTP NDB - BAG unidirectional eastbound.		
▲ CENGİZ TOPEL NDB (CTP) 404415N-0300417E	<u>156</u> 336	15.5	<u>FL660</u> FL285	↓			↑
▲ ASMAP 403753N-0304241E	097	29.9		↓			
▲ VEVUD 402251N-0311320E	117	27.8					
▲ ODRUP 401600N-0315458E	097	32.6					
▲ BAGLUM VOR (BAG) 400412N-324836E	100	42.8					

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT342 (RNAV 5)						
▲ PIMAV 402402N-0295713E						
▲ CENGİZ TOPEL NDB (CTP) 404415N-0300417E	<u>013</u> 193	21.2	<u>FL660</u> FL285	▲ ↑	▼ ↓	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT350 (RNAV 5)						
▲ EDREMIT VOR (EDR) 393303N-0270018E	<u>103</u> 283	10.6	<u>FL660</u> FL285	↓	↑	- DUGLA-NEXAM-KAVAK segment unidirectional eastbound
▲ DUGLA 392956N-0271328E						
▲ NEXAM 373001N-0283807E	146	137.0		↓		
▲ KAVAK 371226NN-0284358E		9.8				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT363 (RNAV 5)						
▲ LATGA 401953N-0320532E					- Unidirectional eastbound.	
▲ ESENBOGA VOR (ESB) 400848N-0330045E	099	43.7	FL660 FL285 ↓			
▲ GURBU 401006N-0334958E	082	37.7				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT364 (RNAV 5)						
▲ ESENBGA VOR (ESB) 400848N-0330045E	<div>055</div> <div>36.4</div> <div>FL660 FL285</div> <div>↓</div>					- Unidirectional eastbound.
▲ ILHAN 402638N-0334213E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
UT366 (RNAV 5)									
▲ BONAM (FIR BDRY) 380256N-0441759E	<div>↓</div>					- Unidirectional westbound.			
▲ VAN VOR (VAN) 382758N-0431930E							294	52.4	FL660 FL285
△ TURNA 393331N-0412128E							301	112.9	
△ DAMAT 395722N-0403953E								40.0	
△ SONAD 402505N-0394035E							296	53.2	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT367 (RNAV 5)						
▲ BONAM (FIR BDRY) 380256N-0441759E	<div>294</div> <div>52.4</div> <div>FL660 FL285</div> <div>↓</div>					- Unidirectional westbound.
▲ VAN VOR (VAN) 382758N-0431930E						
▲ BOZLO 385506N-0420844E						
△ OTLUG 390913N-0413044E						
△ ULREP 392254N-0405316E						
△ REKVO 393117N-0402954E						
△ SOMBU 393601N-0401637E						
△ ESEPO 395107N-0393330E						
△ LANVO 395637N-0391731E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address		
				Odd	Even			
1	2	3	4	5		6		
UT368 (RNAV 5)								
▲ ELAZIG VOR (EVS) 384229N-0391326E	<div>FL660 FL285</div> <div>↓</div> <div>↑</div>					- BONAM-VAN segment: unidirectional westbound		
▲ PALUT 384138N-0393200E							<div>087 267</div>	14.5
△ UMLEN 383942N-0401300E							<div>089 269</div>	32.1
△ NAREN 383750N-0404930E								28.6
△ BAYIR 383541N-0412414E							<div>090 270</div>	27.3
▲ TUMKU 383304N-0420622E							<div>089 270</div>	33.1
▲ BEYAZ 383018N-0424717E							<div>090 270</div>	32.2
▲ VAN VOR (VAN) 382758N-0431930E							<div>090 271</div>	25.4
▲ ZELSU 381556N-0434659E							294	24.7
▲ BONAM (FIR BDRY) 380256N-0441759E								27.7

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address			
				Odd	Even				
1	2	3	4	5		6			
UT380 (RNAV 5)									
▲ VICEN 403957N-0301803E	<div>↓</div>					- Unidirectional eastbound.			
▲ ASMAP 403753N-0304241E							090	18.9	FL660 FL285
▲ TOKER 401848N-0304620E							167	19.3	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT409 (RNAV 5)						
▲ SULTA						SULTA - NUMTI - Unidirectional westbound. NUMTI - KARGI - Unidirectional eastbound.
▲ 400244N-0294423E ROXUK	181	9.4	FL660 FL285		↓	
▲ 395325N-0294307E NUMTI						
▲ 393828N-0293127E KARGI	112	27.7		↓		
392545N-0300316E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT422 (1) (RNAV 5)						
▲ CAYCUMA VOR (CAY) 413050N-0320240E	<div></div>					(1) Only available for traffic to / from LTAS (2) Segment between LEGMU - EVGEG unidirectional westbound
▲ NAPIP 414824N-0314420E						
▲ LEGMU 415651N-0313521E						
▲ ODMAX 420717N-0312411E						
▲ EVGEG 422726N-0310627E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT470 (RNAV 5)						
▲ ADKAR 364733N-0351152E	<u>088</u> 268	39.6	<u>FL660</u> FL285	↓		- Caution: Turkish-Syria border is approximately 6 KM south of the ATS route
△ ERCER 364500N-0360100E		25.3				
△ MILBA 365705N-0362846E	<u>084</u> 264	18.4				
▲ BABLI 365712N-0365147E		14.0				
▲ KOZAN 365715N-0370915E	<u>085</u> 265	15.3				
▲ GAZIANTEP VOR (GAZ) 365705N-0372822E		14.2				
▲ NIZIP 365905N-0374600E		37.5				
▲ SURUC 370348N-0383224E	<u>049</u> 229	14.8				
▲ ARTAR 370538N-0385041E		15.1				
▲ OZBEY 371431N-0390600E		65.1				
▲ DIYARBAKIR VOR (DYB) 375225N-0401230E						

Route designator Name of significant points Coordinates	Track MAG	DIST NM	Upper limits Lower limits or Minimum Altitude	Direction of cruising levels		Remarks Controlling Unit Channel
				Odd	Even	
1	2	3	4	5		6
UT471 (RNAV 5)						
▲ MARDIN VOR (MRD)						
371339N-0403820E	259 079	25.0	FL660 FL285	▲ ↑	↓ ▼	
GOFCA						
371130N-0400708E						
▲ ARTAR		61.2				
370538N-0385041E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT472 (RNAV 5)						
▲ GAP VOR						
372729N-0385417E	<u>183</u> 003	22.1	<u>FL660</u> FL285	▲ ↑	↓ ▼	
▲ ARTAR						
370538N-0385041E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT476 (RNAV 5)						
▲ KEKIK	<div>↓</div>					- Unidirectional westbound
370443N-0282204E						
△ YOYYO						
371706N-0273424E	283	40.0	<u>FL660</u> FL285			

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT489 (RNAV 5)						
▲ IZMIR VOR (IMR)						- Flights departing any aerodrome within Izmir TMA destined to Dalaman Airport are not authorized to fly via this route.
381902N-0270026E	119 299	44.3		↓		
▲ SISVO		42.2				
375344N-0274635E						
▲ SONUP	13.7	FL660 FL285		↑		
372923N-0283000E						
△ KAVAK						
372126N-0284358E	25.5					
▲ SUNAT	7.5					
371507N-0291459E	101 281	11.8				
▲ AKIMO		14.1				
371314N-0292404E		43.3				
▲ EVBOL						
371016N-0293818E						
▲ LAMSA						
370639N-0295522E						
▲ ANTALYA VOR (AYT)						
365514N-0304740E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT491 (RNAV 5)						
△ ODNOD 381555N-0274841E	139	56.9	<u>FL660</u> FL285	↓		- Unidirectional eastbound
▲ SONUP 372923N-0283000E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UT495 (RNAV 5)							
△ TUMER 383956N-0292813E					The segment BTN TUMER - KAVAK is unidirectional eastbound		
△ LAVTA 374318N-0284212E	207	67.2	↓				
▲ ATSAL 373001N-0284308E	171	13.3					
▲ KAVAK 372126N-0284358E		8.6	FL660 FL285				
▲ ARMAM 371422N-0282817E	237 057	14.4					↓
△ NEPNO 370905N-0281640E		10.7					
▲ CENGO 370356N-0280528E		10.3					
▲ MILAS VOR (BDR) 371528N-0273816E	292 112	24.6	↑				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT615 (RNAV 5)						
▲ SISPI 395453N-0295212E	317	9.9	<u>FL660</u> FL285		↓	- Unidirectional westbound
▲ SULTA 400244N-0294423E						


Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT641 (RNAV 5)						
▲ TIRER 410811N-0282303E						- Unidirectional eastbound.
▲ EKAWE 420152N-0300723E	049	94.9	FL660 FL285	↓		
▲ OSMEV 415952N-0303418E	089	20.2				
△ ERMUP 420002N-0310122E	084	20.2				
△ GIPDA 421449N-0321218E	069	54.8				
△ ABSAX 422001N-0323501E	067	17.6				
▲ BIMVO 422722N-0330755E	068	25.5				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT643 (RNAV 5)						
▲ GAKSU 421121N-0334851E						- Unidirectional eastbound.
△ OLDUD 420958N-0323643E	082	53.6	FL660 FL285	▲ ↑		
△ GIVEV 420522N-0321639E	067	15.6				
△ MODAU 420033N-0315309E	068	18.1				
▲ LEGMU 415651N-0313521E		13.8				
▲ YAHAV 415024N-0310454E		23.6				
▲ ATPIX 414512N-0303725E	070	21.2				
▲ EKAWE 420152N-0300723E	120	27.9				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT680 (RNAV 5)						
▲ RORMU 393112N-0295537E						- Unidirectional eastbound
▲ KARGI 392545N-0300316E						
	127	8.0	<u>FL660</u> FL285	↓		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UT888 (RNAV 5)						
▲ ALRAM (FIR BDRY) 374230N-0443736E	287	64.6	<u>FL660</u> FL285		↓	- ALRAM - SIV segment unidirectional westbound - Not available for traffic ARR/Overfly LB/UK/UR/UG/UD
△ ULKEM 380638N-0432153E		97.0				
△ BAYIR 383541N-0412414E						
△ ETESU 390817N-0392116E						
▲ SIVAS VOR (SIV) 394722N-0365336E	283	120.8				
▲ SOPOV 401201N-0364757E	<u>344</u> 165	25.0				
△ ERVAK 403043N-0364337E		19.0				
▲ ALMUS 404627N-0363956E		16.0				
▲ CARSAMBA VOR (CRM) 411556N-0363256E		30.0		↑		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UY213 (RNAV 5)						
<div>△ OLDOK 401452N-0265302E</div>					- Unidirectional eastbound	
<div>△ ASNUT 401342N-0270029E</div>	096	5.8	FL660 FL285	<div>↓</div>		
<div>▲ INBET 401111N-0271630E</div>		12.5				
<div>▲ VUTZO 401157N-0273043E</div>	081	10.9				

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UY217 (RNAV 5)						
▲ SUVUP 400943N-0264831E	081	21.5	<u>FL660</u> FL285			- Unidirectional eastbound
▲ INBET 401111N-0271630E						
401111N-0271630E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UY226 (RNAV 5)						
▲ IVGUS 403408N-0273440E	205	19.6	FL660 FL285		↓	- Unidirectional westbound
▲ BIGA VOR (BIG) 401703N-0272155E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UY227 (RNAV 5)						
▲ IVGUS						- Unidirectional westbound
403408N-0273440E						
▲ RAUMA						
395902N-0271833E	195	37.2	FL660 FL285		↓	

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UY228 (RNAV 5)						
▲ IVGUS					- Unidirectional eastbound	
403408N-0273440E	159	10.0	<u>FL660</u> FL285	↓		
NILRU		34.1				
402429N-0273815E						
▲ ALEDA						
395139N-0275022E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UY229 (RNAV 5) (1)						
▲ IVGUS 403408N-0273440E						- Unidirectional eastbound
▲ YAYLA 395156N-0275943E	150	46.3	<u>FL660</u> FL285	<div>↓</div>		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UY255 (RNAV 5)						
▲ MARMA 403138N-0273856E	218	19.5	FL660 FL285		↓	- Unidirectional westbound
▲ BIGA VOR (BIG) 401703N-0272155E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UY371 (RNAV 5)						
△ DUGLA 392956N-0271328E	192 012	14.2	FL660 FL285	↑		
△ ECZIM 394329N-0271859E		12.6				
△ KUZEP 395529N-0272355E		17.3				
▲ VUTZO 401157N-0273043E		20.6		↓		
△ MARMA 403138N-0273856E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UY372 (RNAV 5)						
△ MARMA 403138N-0273856E						
△ NILRU 402429N-0273815E	179 359	7.2	FL660 FL285	↓		
△ NEVGI 395007N-0273503E		34.4				
△ LASON 382305N-0272710E		87.2				
△ OKESA 373745N-0272311E		45.4				
				↑		

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address
				Odd	Even	
1	2	3	4	5		6
UY520 (RNAV 5)						
▲ AFGAR 412701N-0274825E	319	45.4	FL660 FL285		↓	.- Unidirectional westbound
▲ VADEN (FIR BDRY) 420356N-0271258E						

Route designator (RNAV/RNP) Name of significant points Coordinates	Track MAG	Geodesic DIST NM	<u>Upper limits</u> Lower limits	Direction of cruising levels		Remarks Controlling Unit Channel Logon address	
				Odd	Even		
1	2	3	4	5		6	
UZ713 (RNAV 5)							
▲ PIROX (FIR BDRY) 362900N-0280300E					<div>- For PIROX: REF ENR 2.1-1 İstanbul FIR remarks column note (3).</div> <div>- MARIS-PIROX segment is unidirectional eastbound</div> <div>- DUGLA - INBET segment is unidirectional eastbound</div>		
△ MARIS 365356N-0281658E	201	27.4	FL660 FL285	↑			
△ BATUK 371500N-0280848E	339 159	22.1					↓
△ ULKAN 371809N-0280733E		3.3					
△ KUMAN 380154N-0274958E		46.0		↑			
▲ DUGLA 392956N-0271328E		92.6		↓			
▲ BIMDU 395903N-0271131E	352	29.1					
▲ INBET 401111N-0271630E	012	12.7					